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April 12, 1876.

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THE

FISHES OF INDIA;

BEING

A NATURAL HISTORY

OF

THE FISHES

KNOWN TO INHABIT THE SEAS AND FRESH WATERS

OF

INDIA, BURMA, AND CEYLON.

BY

FRANCIS DAY, F.L.S., & F.Z.S.,

MEMBER ASIATIC SOCIETY OF CALCUTTA, AND COTSWOLD NATURALISTS' FIELD CLUB, ETC.,
LATE SURGEON-MAJOR MADRAS ARMY, AND INSPECTOR-GENERAL OF FISHERIES IN INDIA AND BURMA.

VOLUME II.

ATLAS—CONTAINING 198 PLATES.

LONDON:

PUBLISHED BY BERNARD QUARITCH, 15 PICCADILLY

1878.

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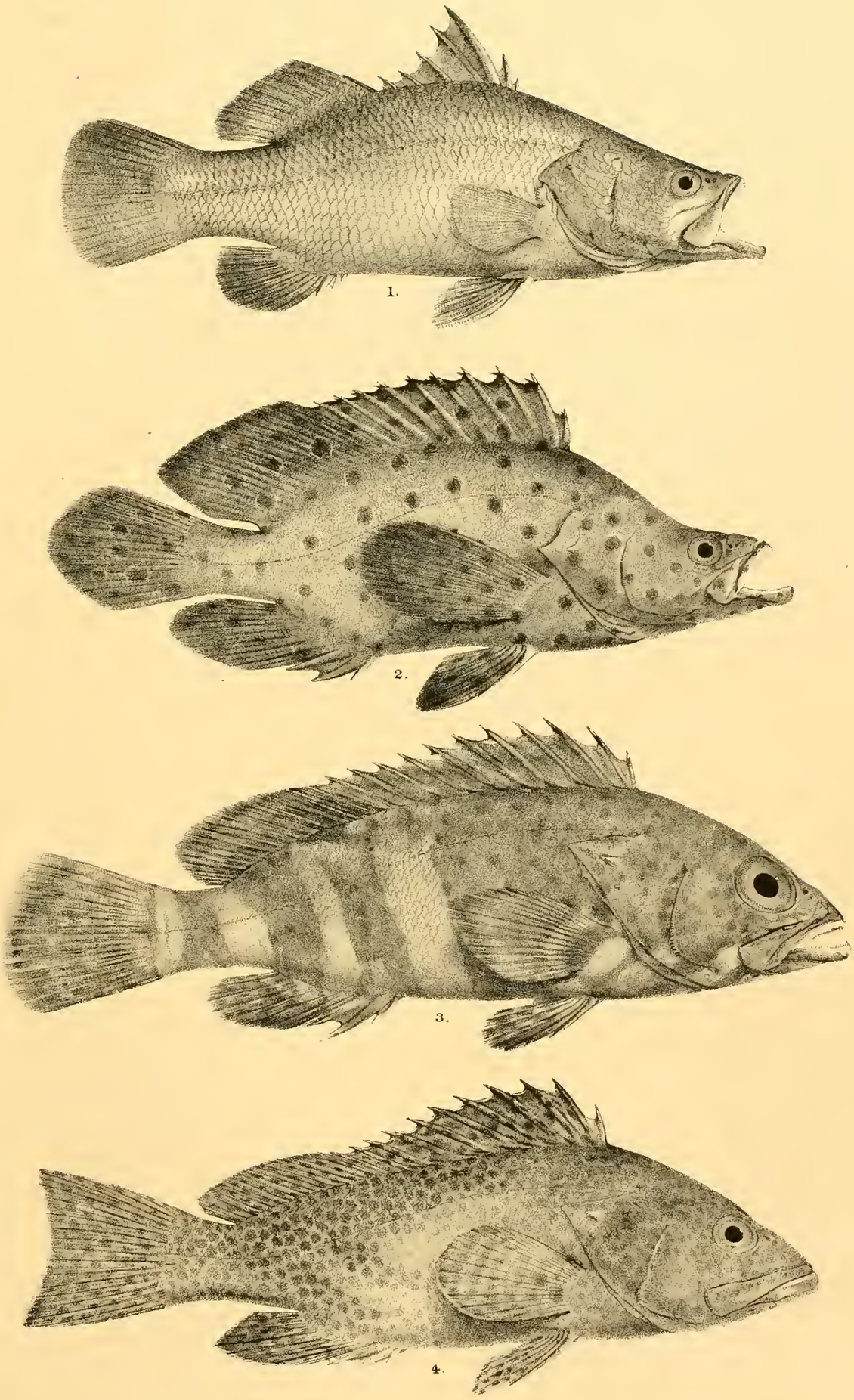

G H Ford del. C L Griesbach lith Mintern Bros imp

1, LATES CALCARIFER. 2 CROMILEPTES ALTIVELIS. 3 SERRANUS STOLICZKÆ. 4 S AREOLATUS.

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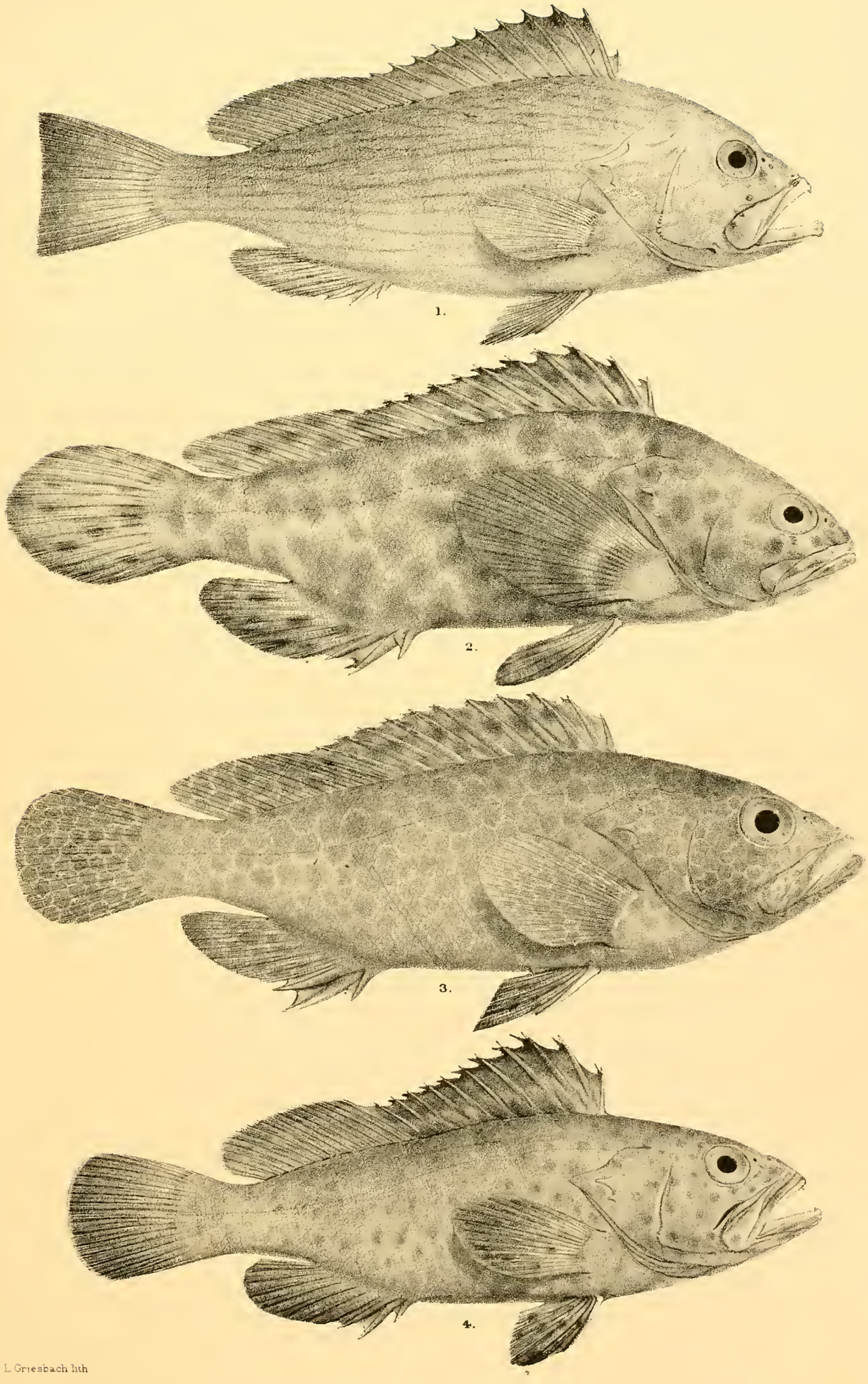

G.H.Ford del C.L.Griesbach lith

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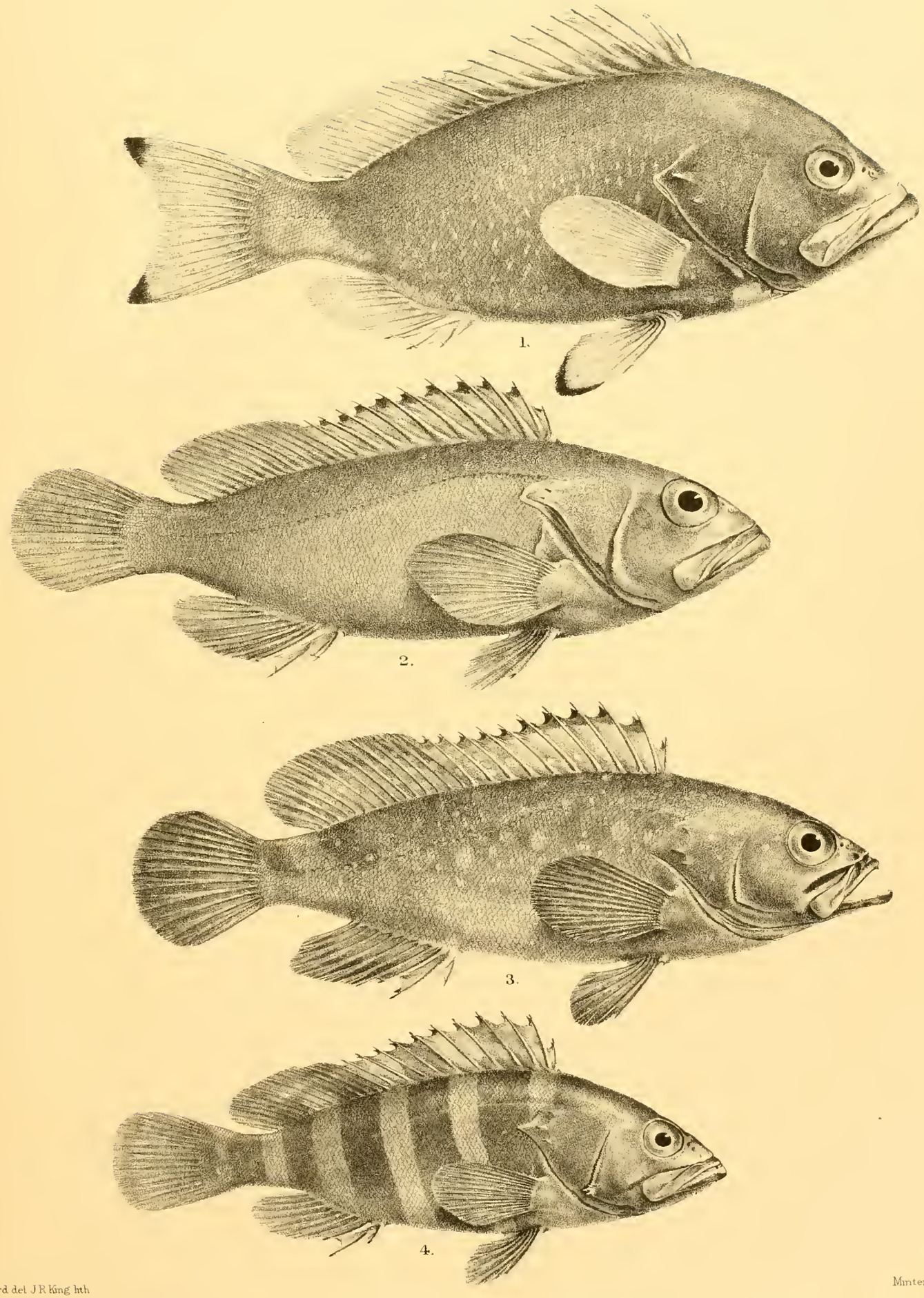

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1, SERRANUS FLAVOCÆRULEUS. 2, S. FASCIATUS. 3, S. TUMILABRIS. 4, S. DIACANTHUS.

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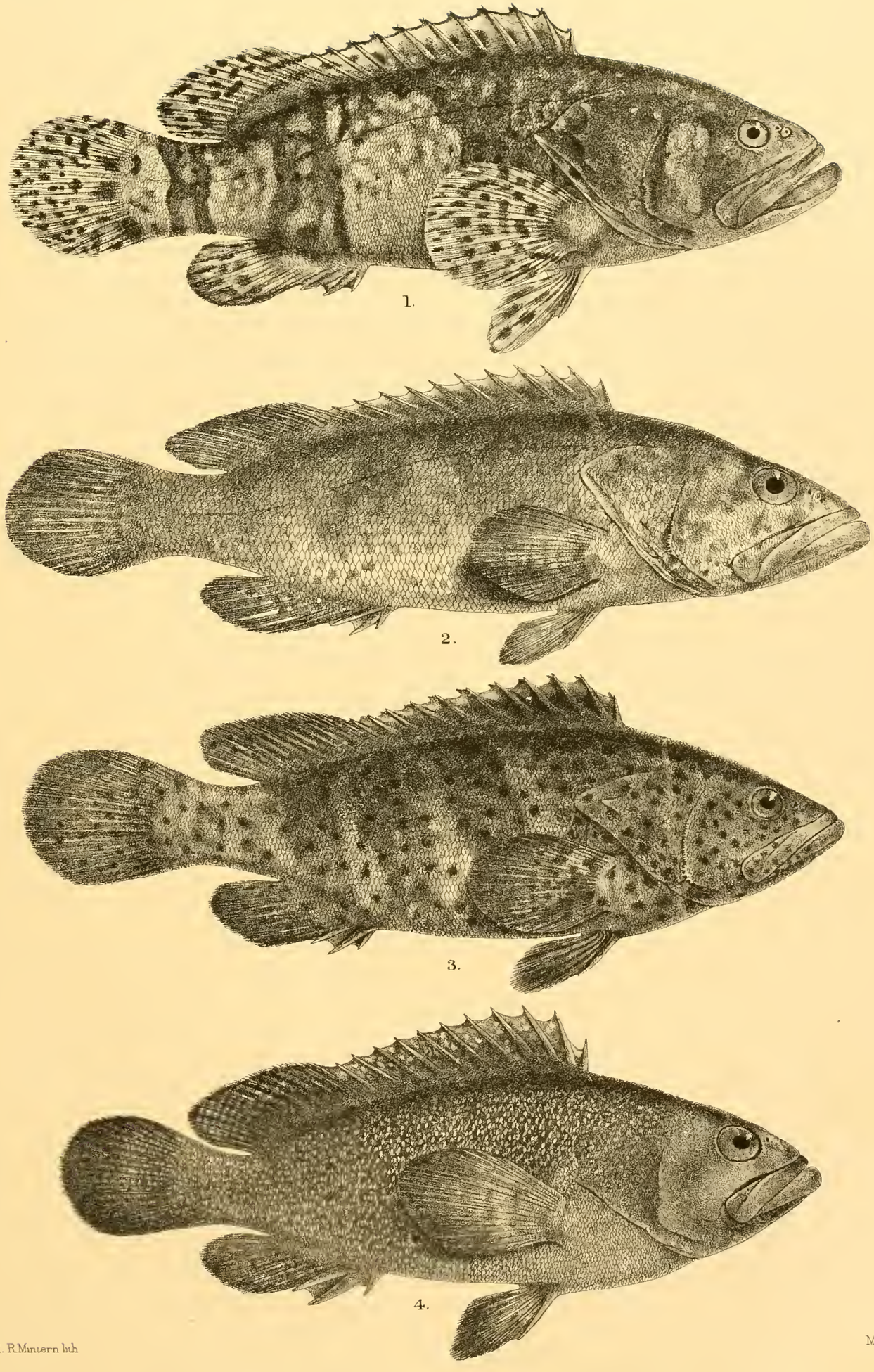

G.H.Ford del. R.Mintern lith

Mintern Bros imp

1, SERRANUS LANCEOLATUS. 2, S. MALABARICUS. 3, S. SALMOIDES. 4, S. SUMMANA.

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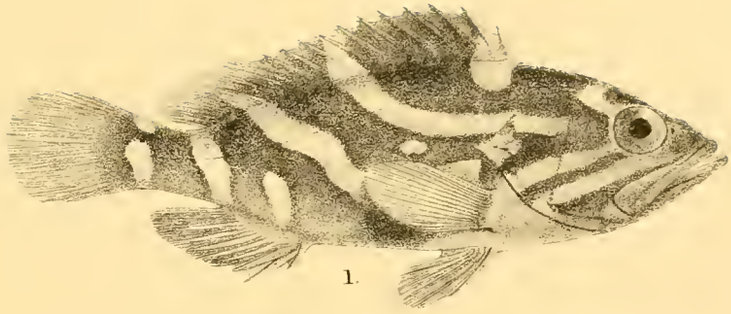

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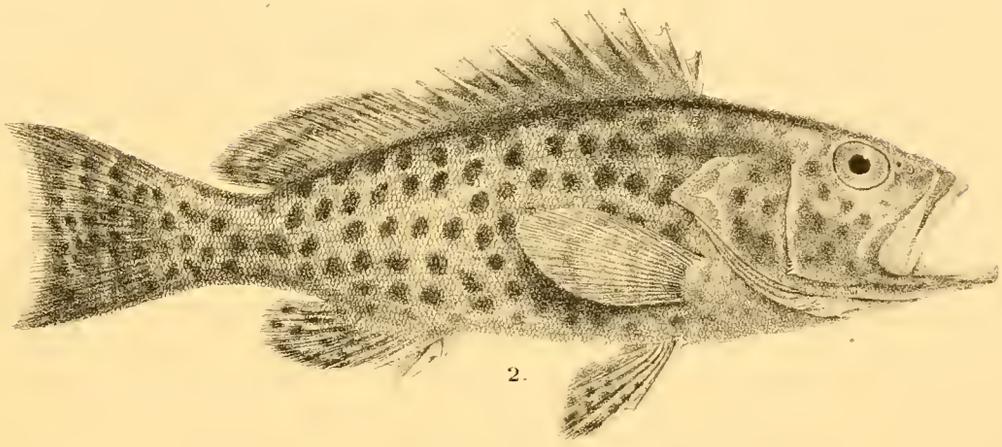

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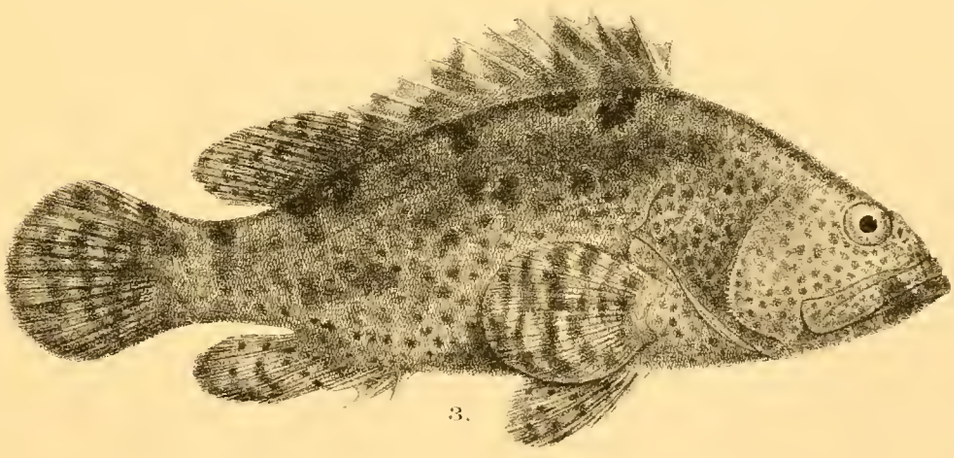

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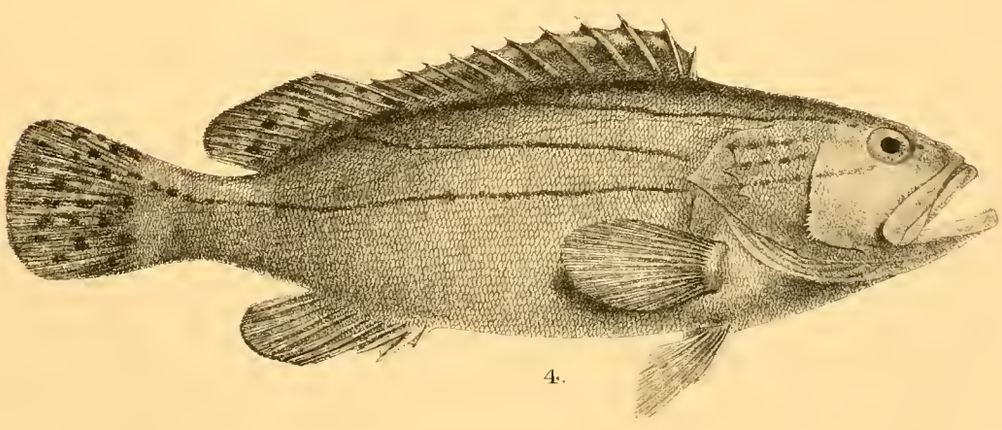

4.

G H Ford del R Mintern lith

Mintern Br[illegible]mp.

1. SERRANUS MORRHUA. 2 S. ANGULARIS. 3. S. FUSCOGUTTATUS. 4. S. GRAMMICUS.

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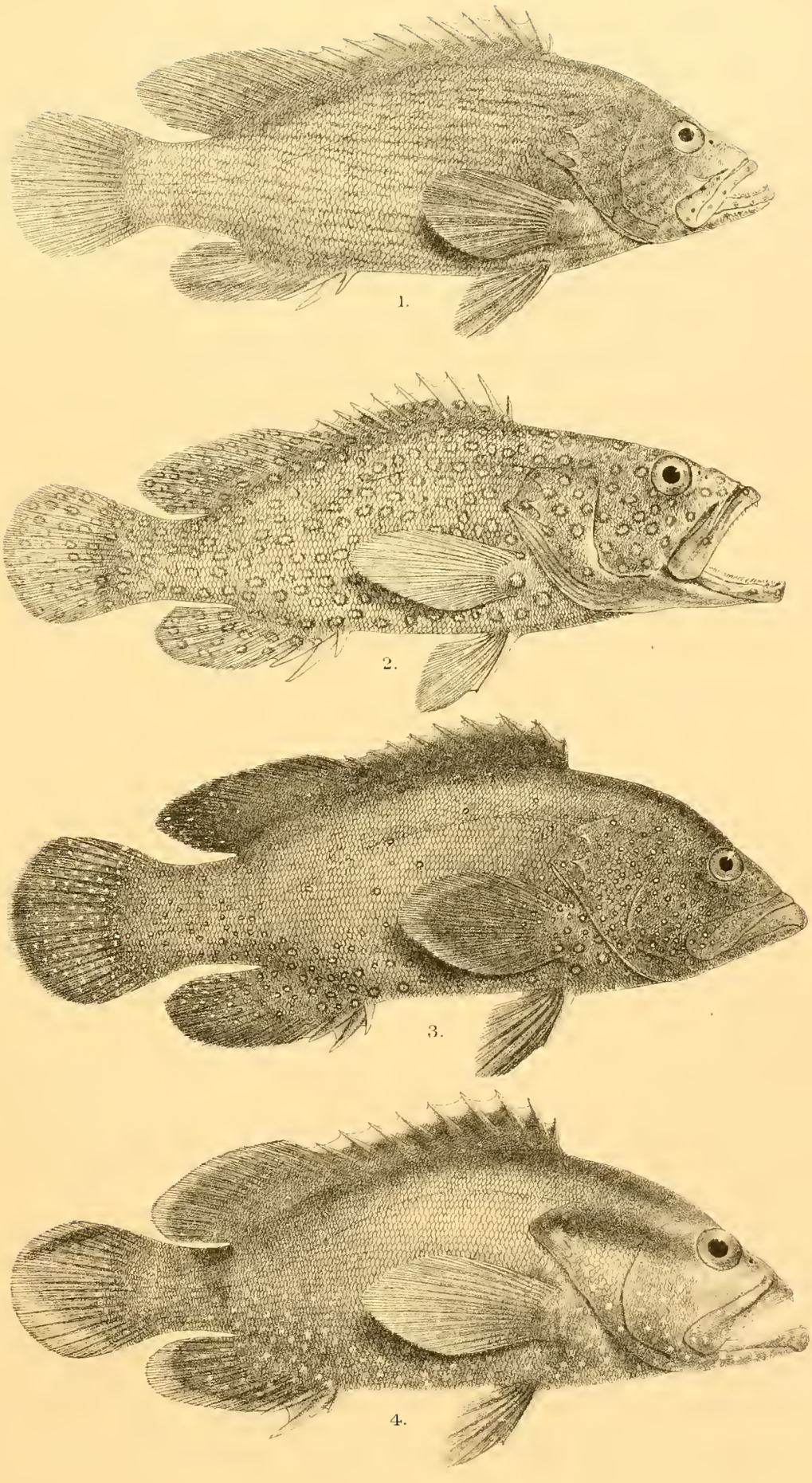

G H Ford del. R Mintern lith

Mintern Bros imp

1. SERRANUS BOENACK. 2. S. MINIATUS. 3. S. GUTTATUS. 4 S LEOPARDUS.

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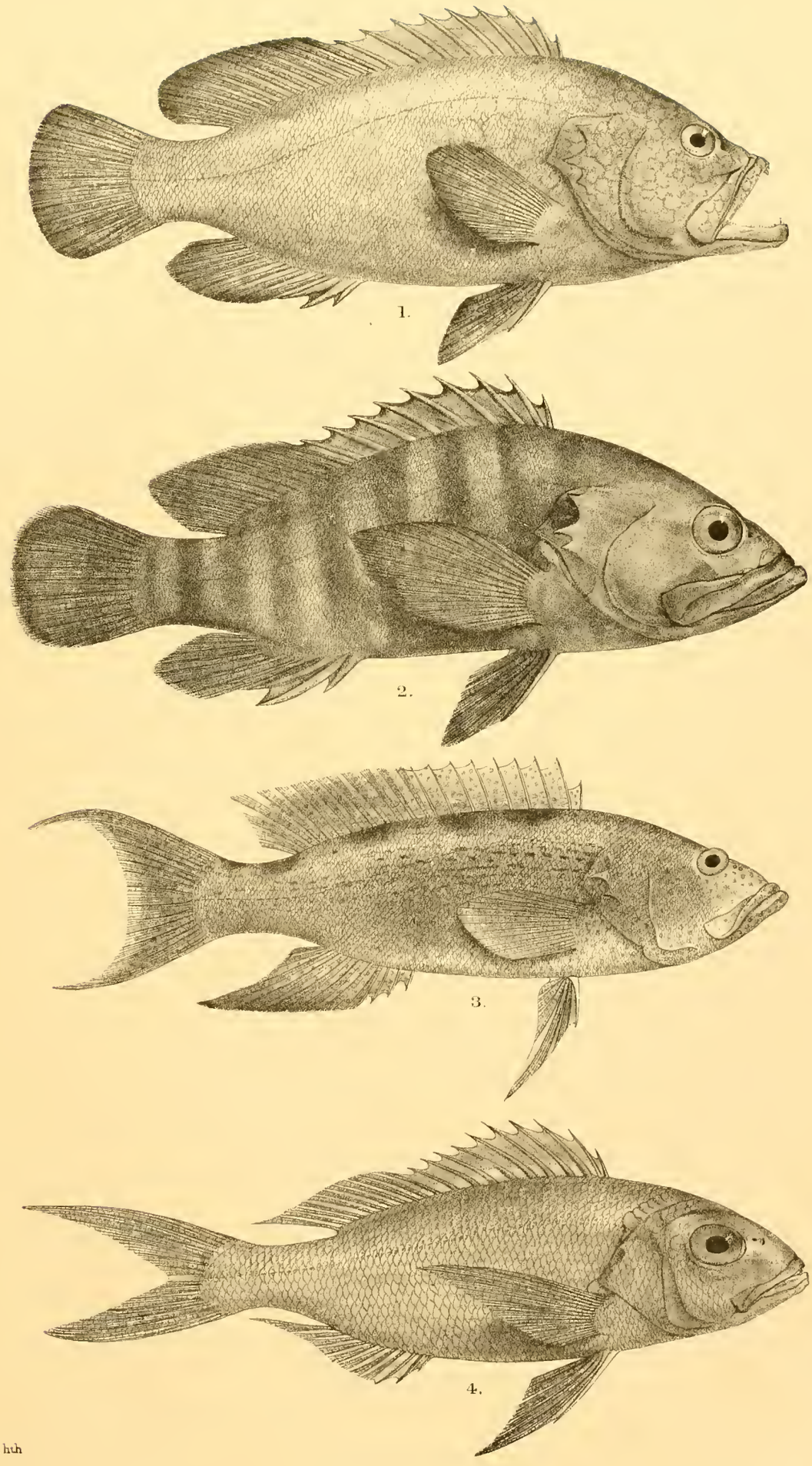

G H Ford del. C.L. Griesbach lith

Mintern Bros imp

1, SERRANUS SONNERATI. 2, S. BOELANG. 3. VARIOLA LOUTI 4, ANTHIAS MULTIDENS

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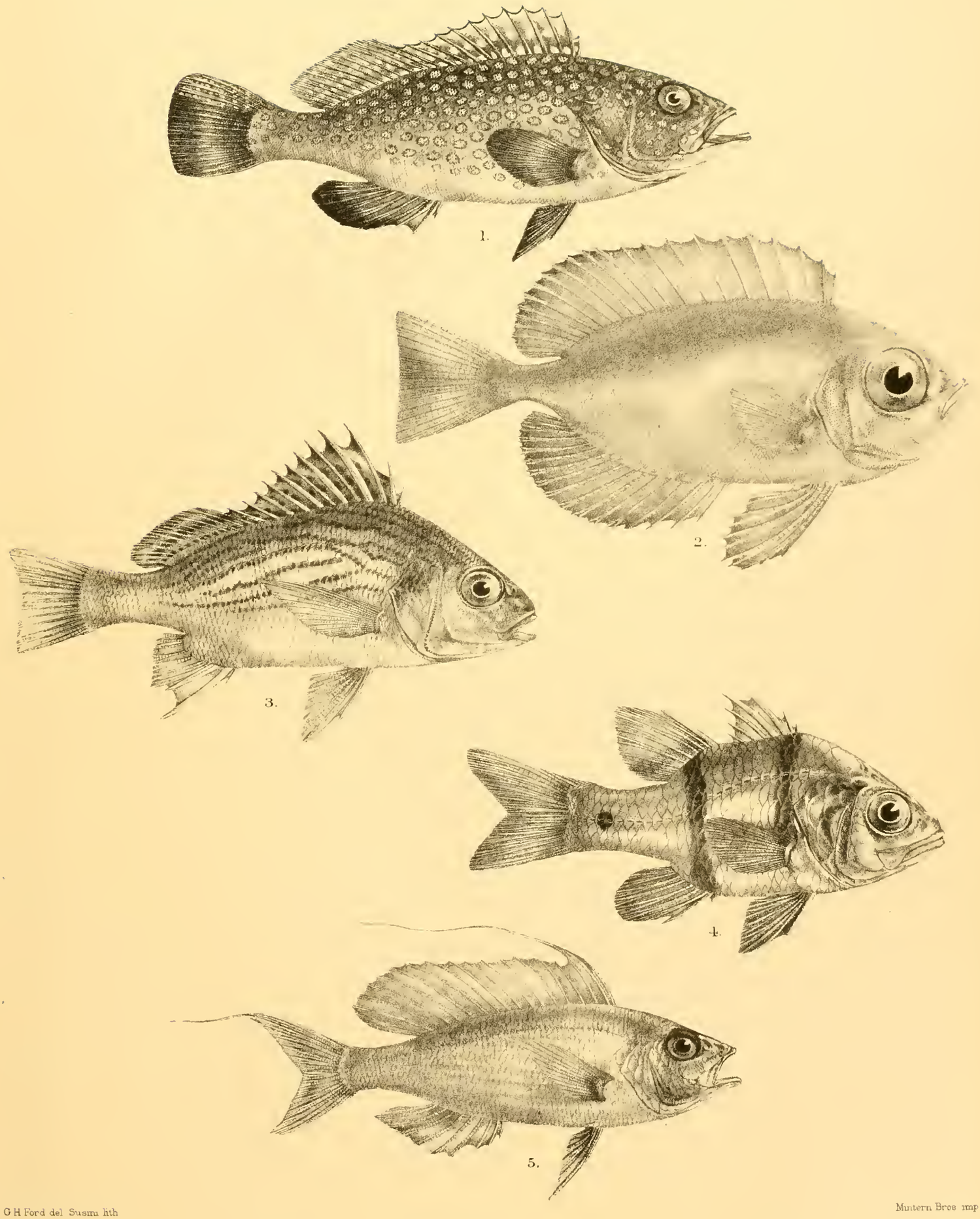

G H Ford del Susmu lith

Muntern Bros imp.

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4. APOGON TÆNIATUS. 5. SYNAGRIS LUTEUS

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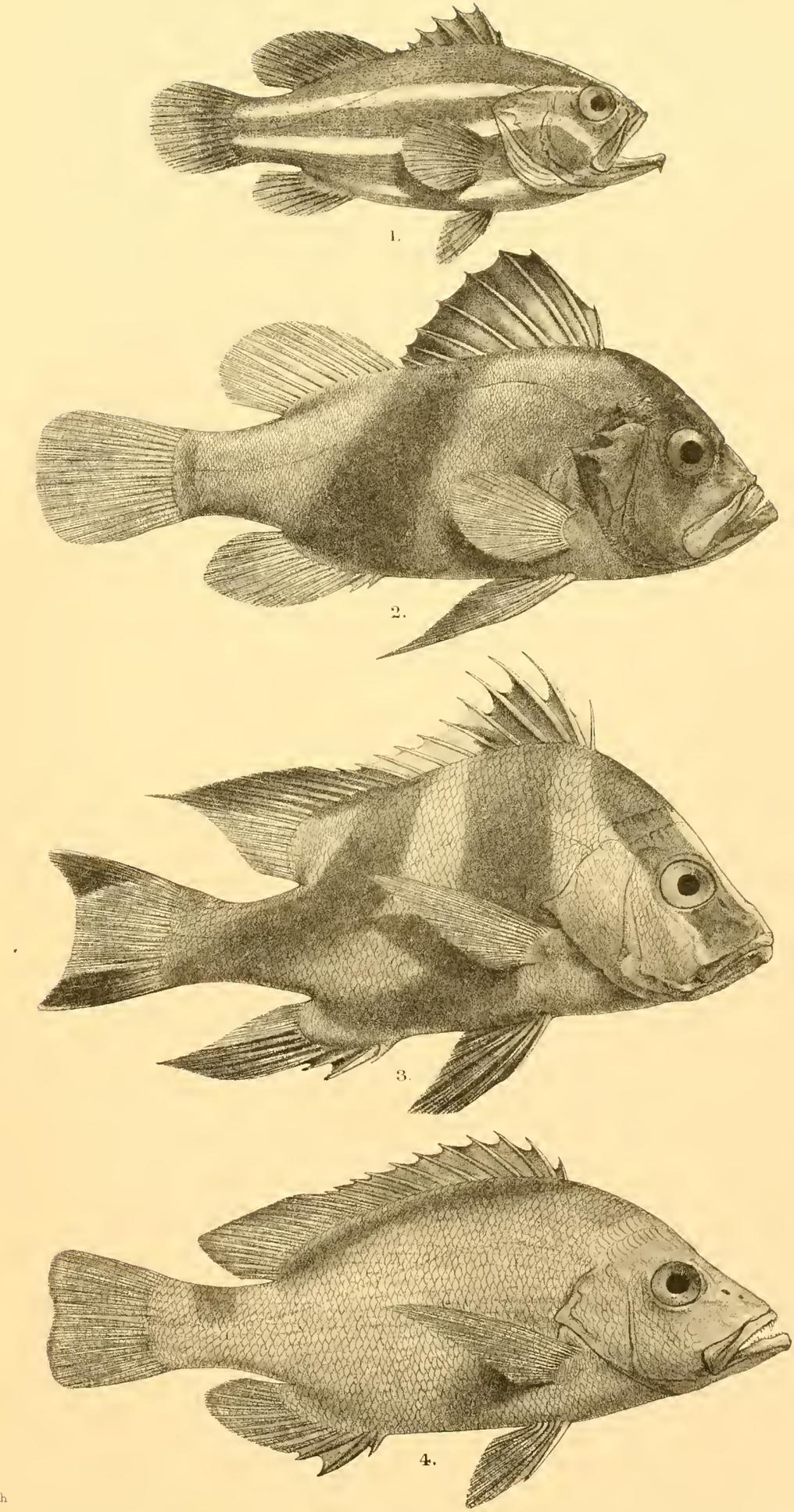

G H Ford del. C L Griesbach lith

Mintern Bros imp

1. GRAMMISTES ORIENTALIS. 2. DIPLOPRION BIFASCIATUM 3 LUTIANUS SEBÆ.
4. L MALABARICUS.

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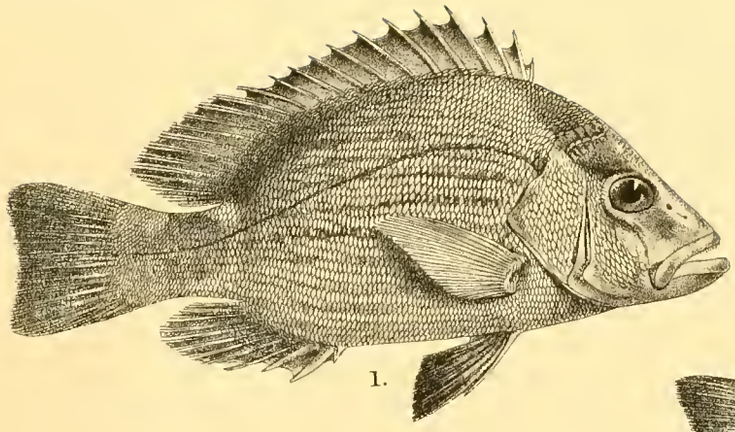

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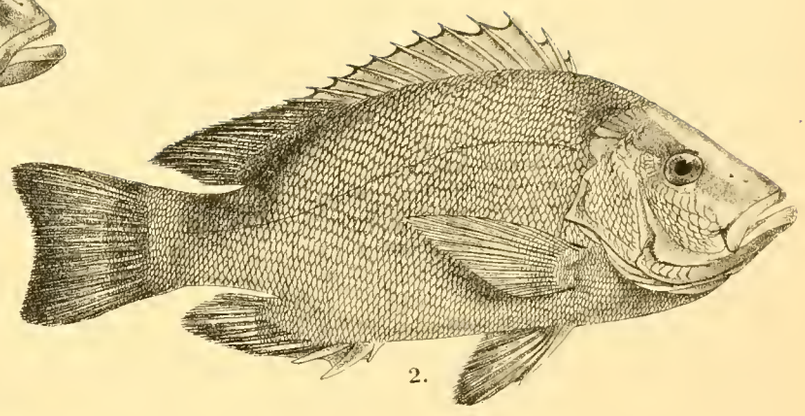

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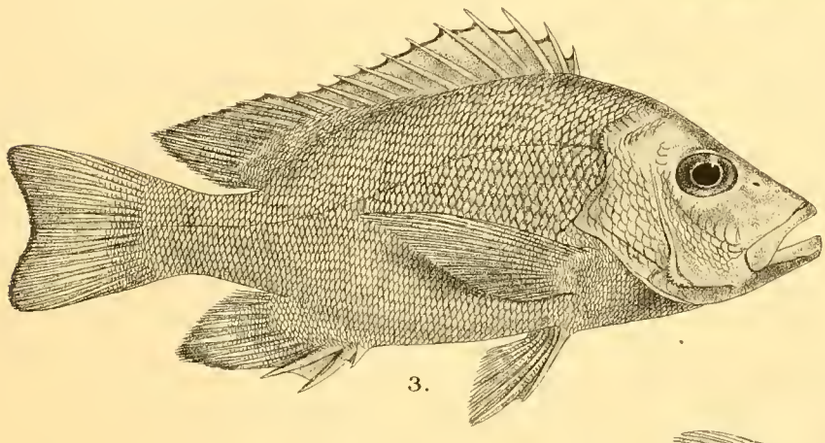

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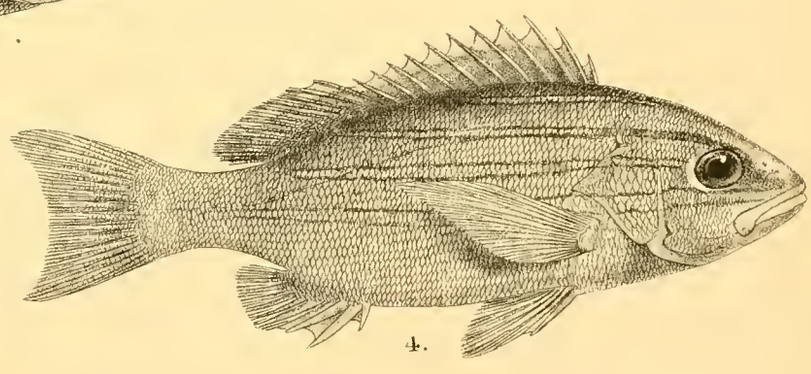

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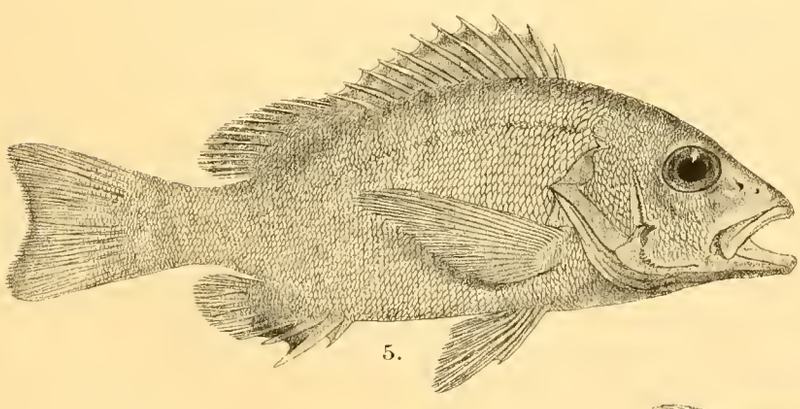

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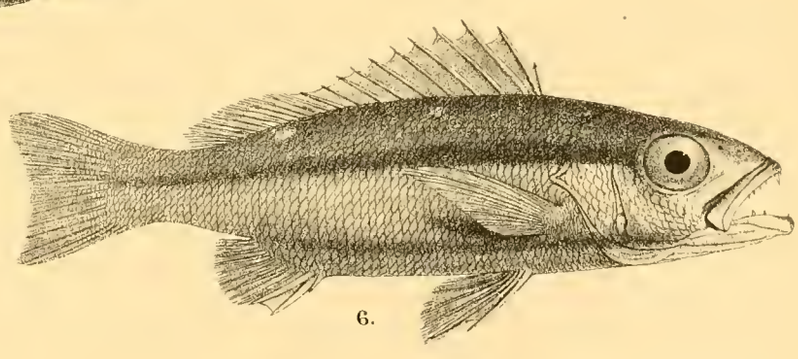

6.

Mintern Bros imp

G.H Ford del R.Mintern lith

1, LUTIANUS ERYTHROPTERUS (YOUNG) 2, L. ERYTHROPTERUS (ADULT.) 3, L DODECACANTHUS.
4, L. BENGALENSIS. 5, L. FULVUS. 6, L BIGUTTATUS.

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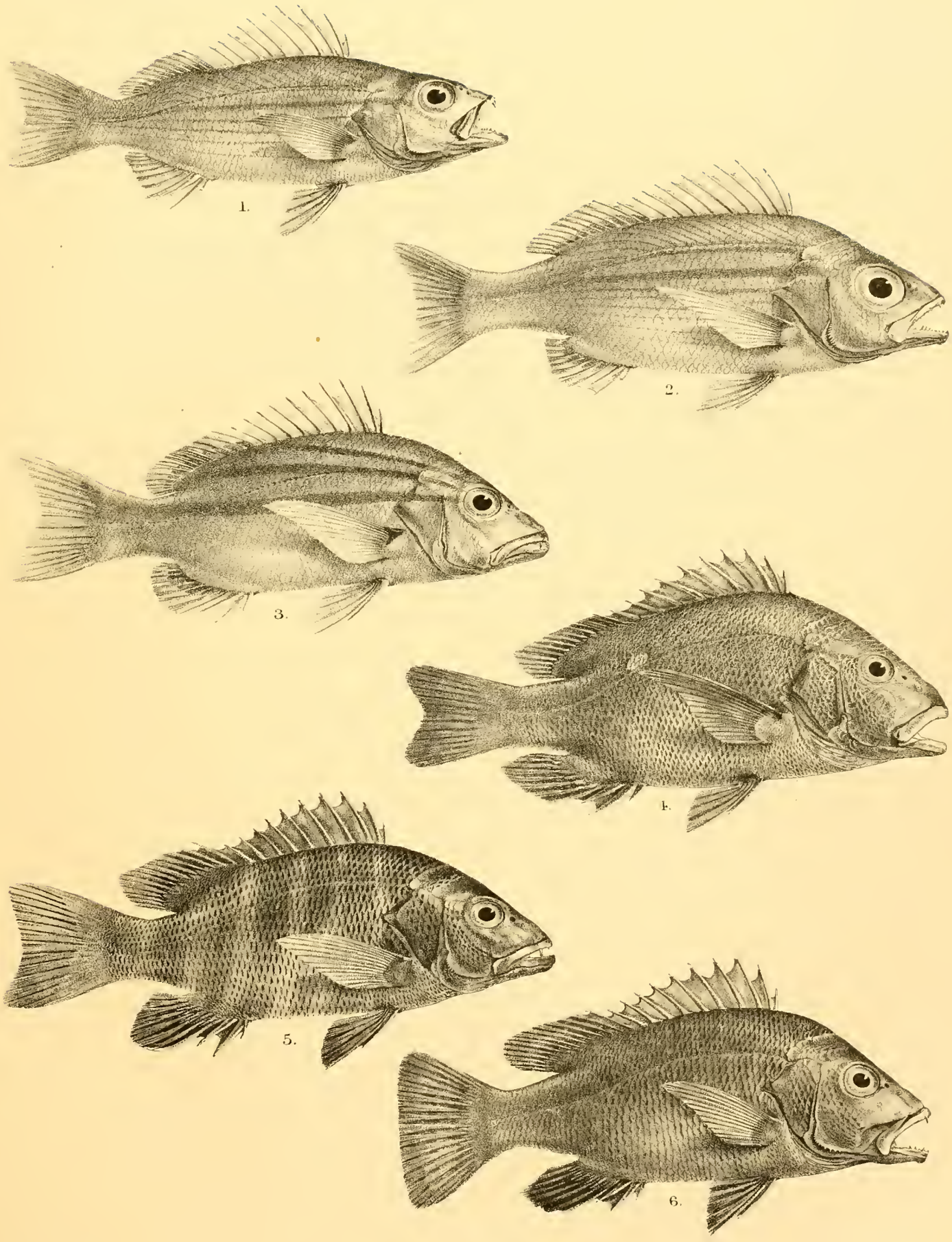

G.H.Ford del. J.R.King lith.

Mintern Bros. imp.

1, LUTIANUS LINEOLATUS. 2, L. LINEOLATUS (VAR. NOULENY.) 3, L. CHRYSOTÆNIA
4, L. RIVULATUS. 5, L. ARGENTIMACULATUS. 6, L. ROSEUS.

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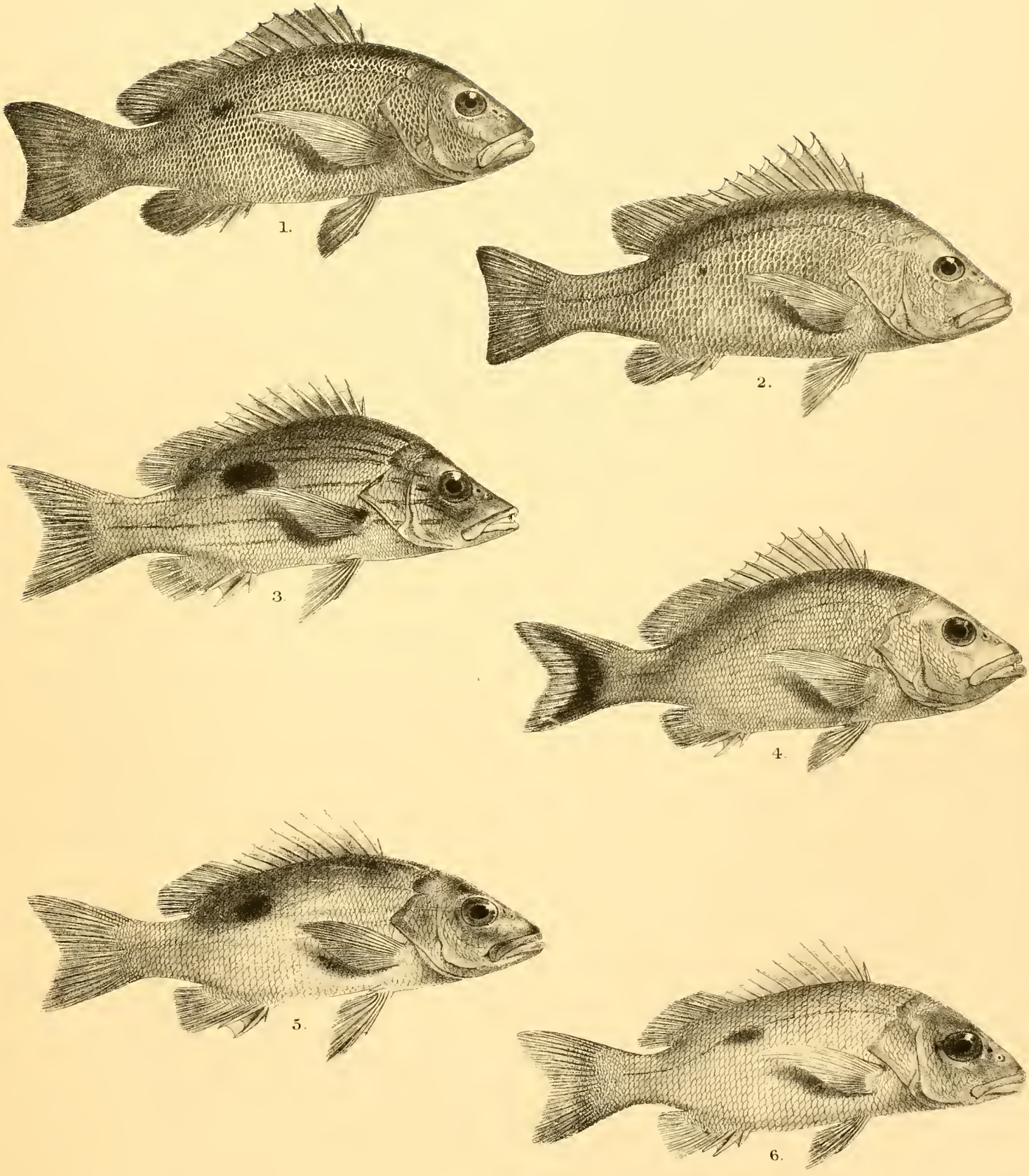

G.H Ford del R.Mintern lith

Mintern Bros imp

1, LUTIANUS LIOGLOSSUS. 2, L. SILLAO. 3, L. QUINQUELINEATUS. 4, L. LUNULATUS.
5, 4 FULVIFLAMMA (VAR. RUSSELLII.) 6, L. FULVIFLAMMA.

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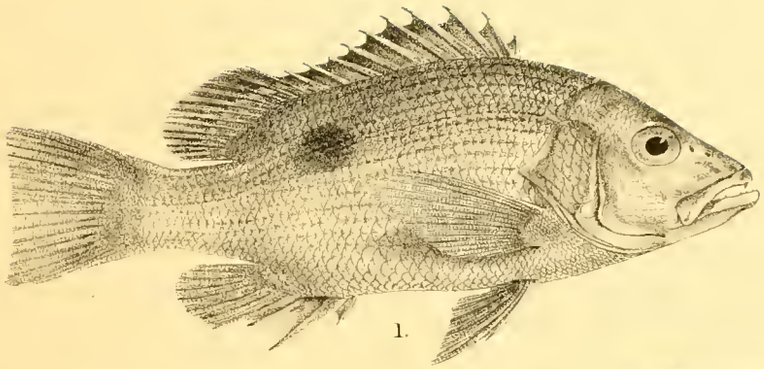

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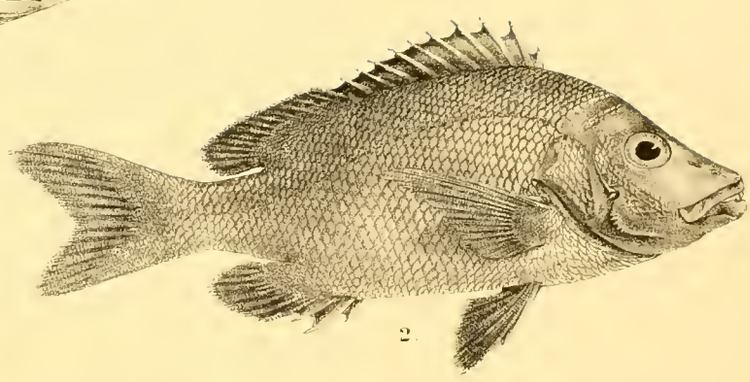

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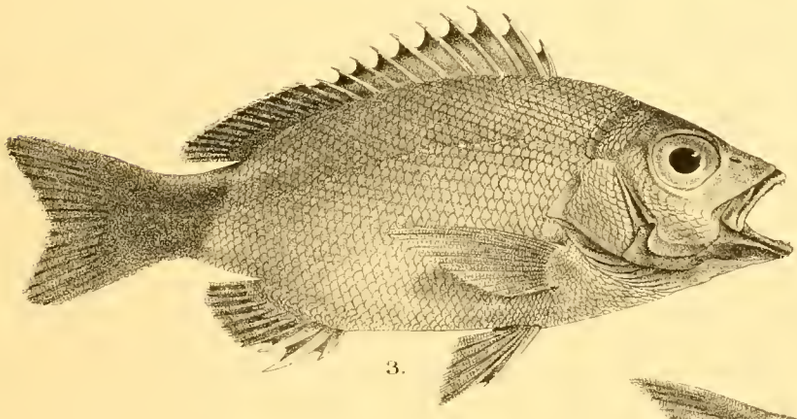

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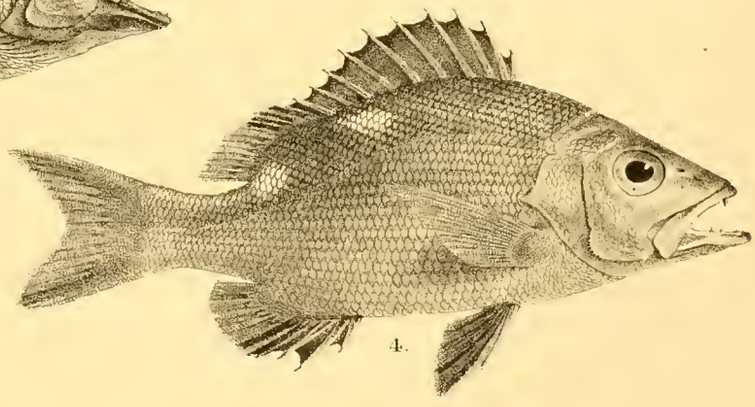

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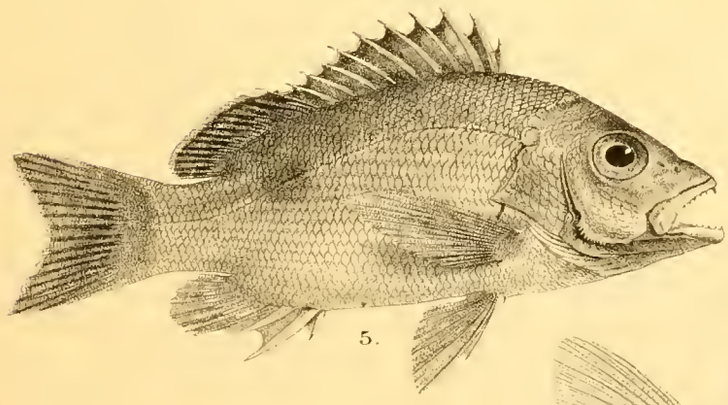

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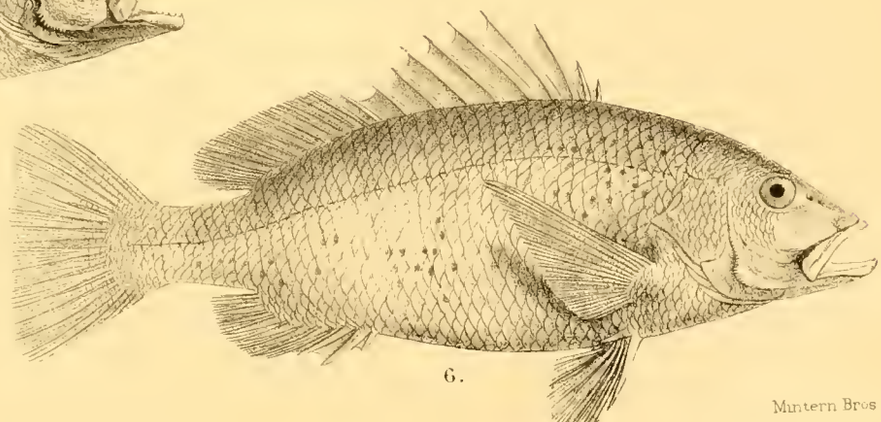

6.

G H Ford del J R King lith

Mintern Bros imp

1, LUTIANUS JOHNII. 2, L. GIBBUS (ADULT.) 3. L. GIBBUS (YOUNG.) 4. L. BOHAR
5. L. MARGINATUS. 6. L. YAPILLI

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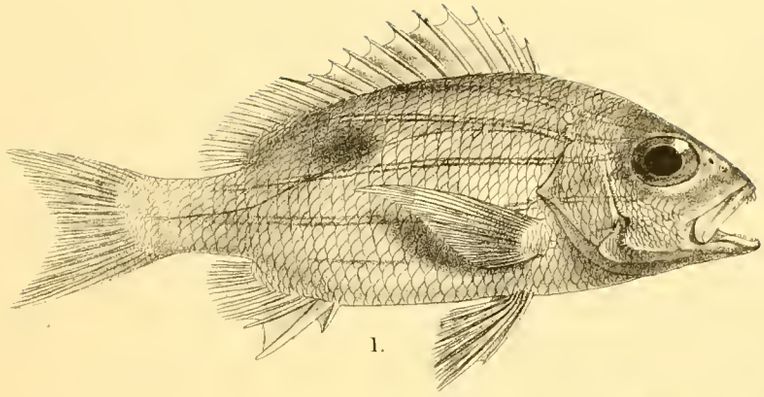

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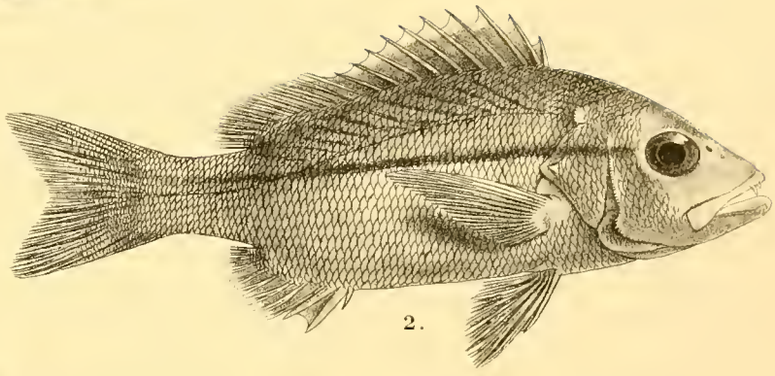

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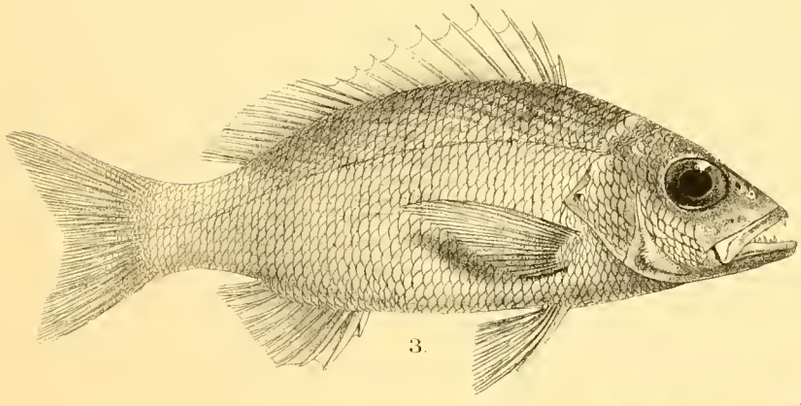

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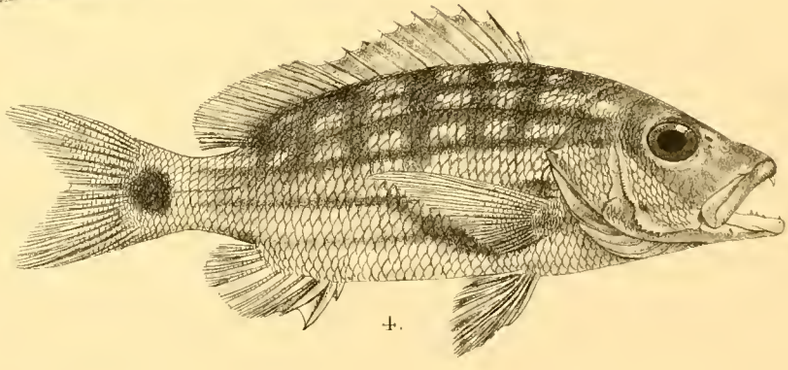

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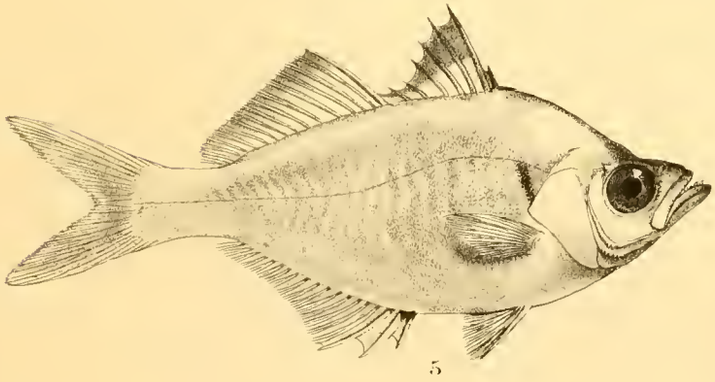

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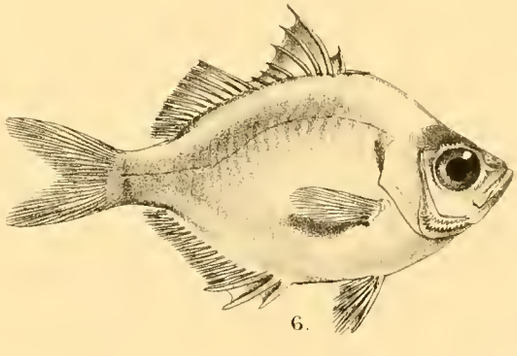

6.

C.H Ford del R.Mintern lith

Mintern Bros imp

1, LUTIANUS QUINQUELINEARIS 2, L. VITTA. 3. L. MADRAS. 4, L. DECUSSATUS.
5, AMBASSIS NAMA. 6, A. RANGA.

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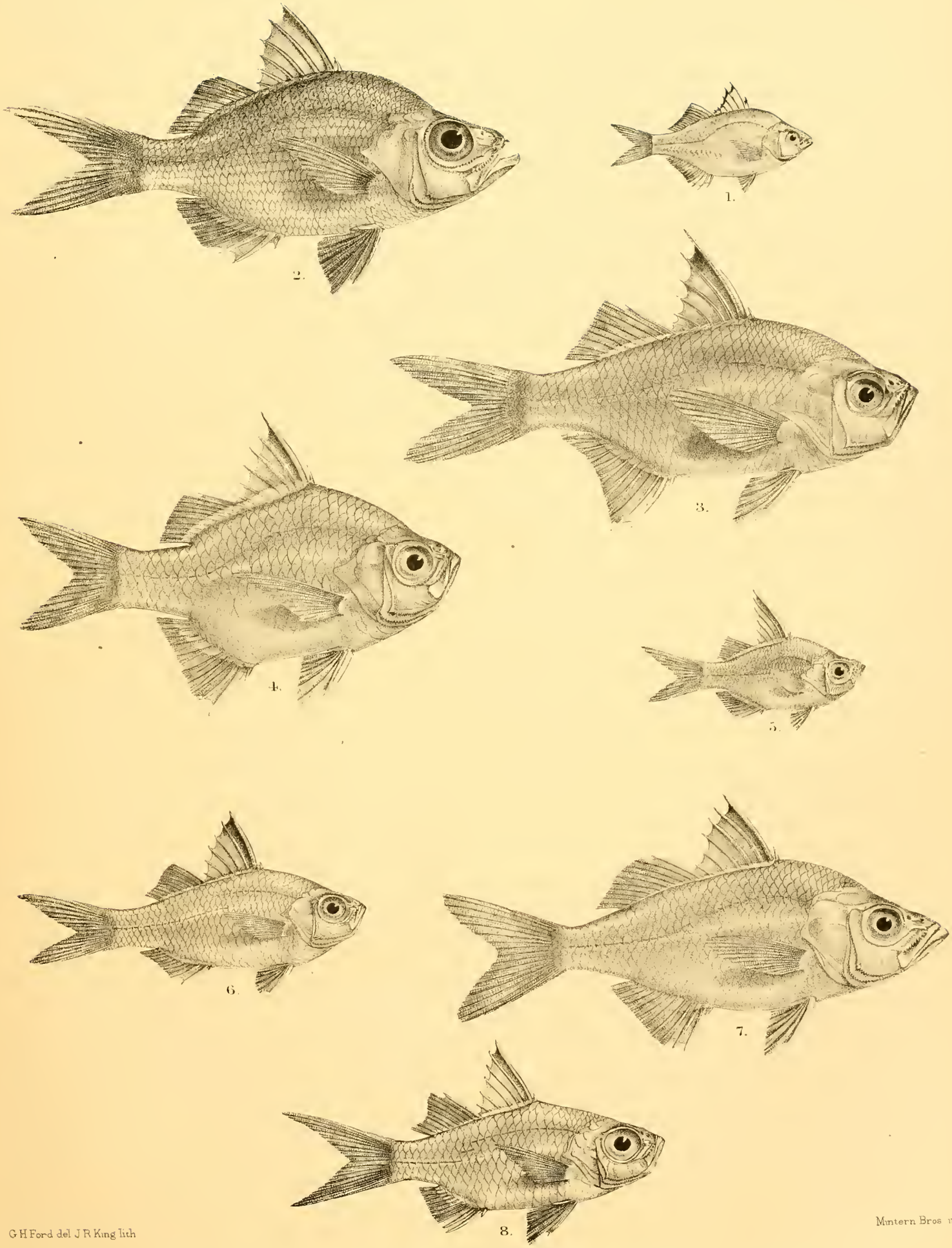

G H Ford del J R King lith

Mintern Bros imp

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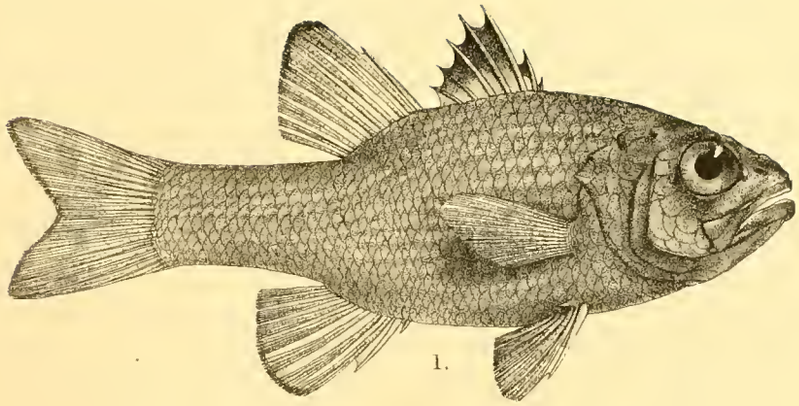

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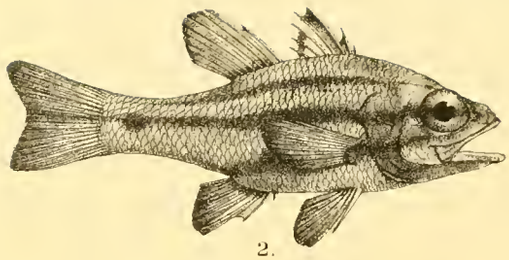

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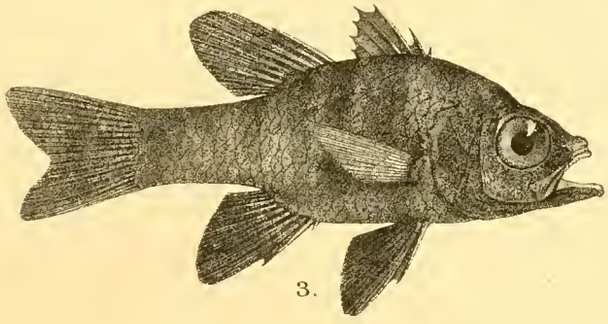

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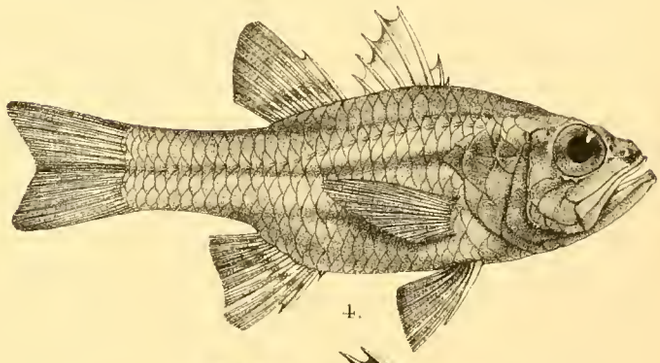

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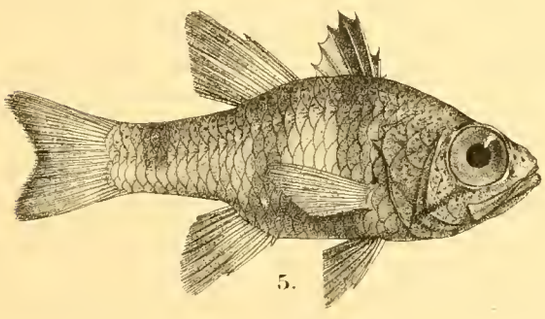

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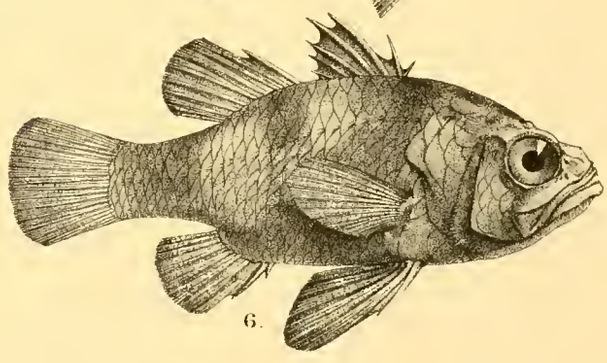

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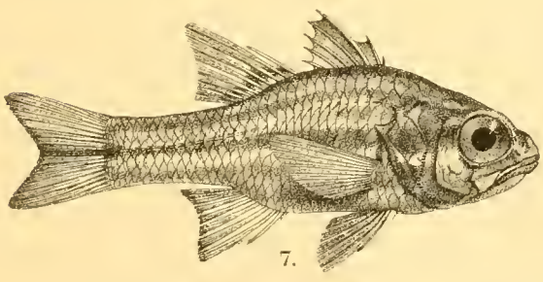

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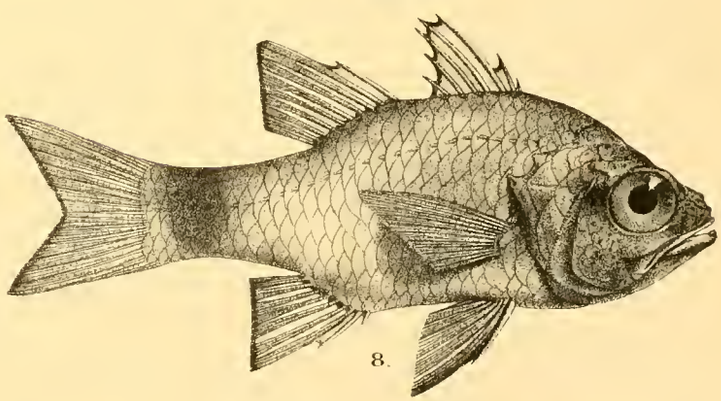

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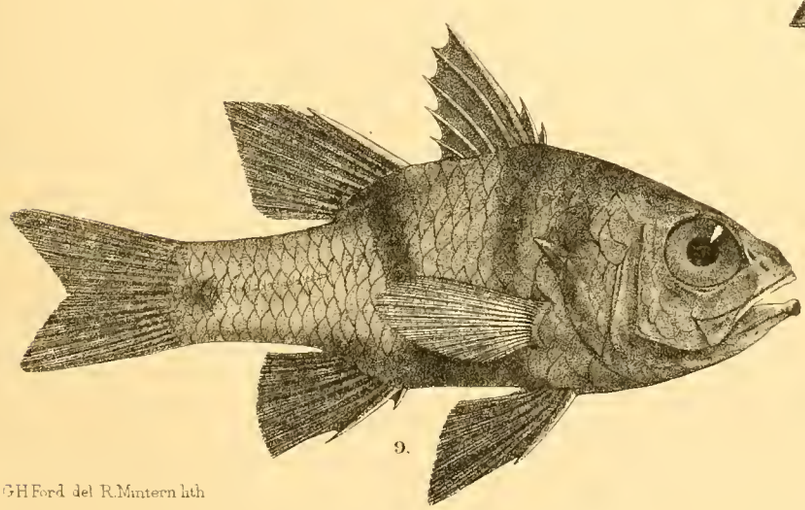

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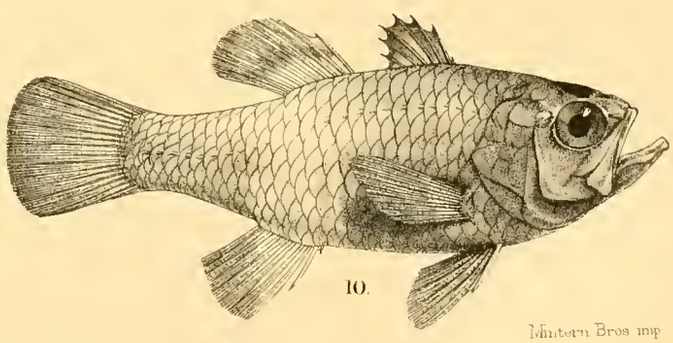

10.

G H Ford del R Mintern lith

Mintern Bros imp

1. APOGON MULTITÆNIATUS 2 A KALASOMA 3. A NIGRICANS. 4. A FRENATUS 5. A JAVAYENSIS
6. A. NIGRIPINNIS. 7 A ENDEKATÆNIA. 8 A AUŒUS. 9 A. BIFASCIATUS 10 A GLAGA

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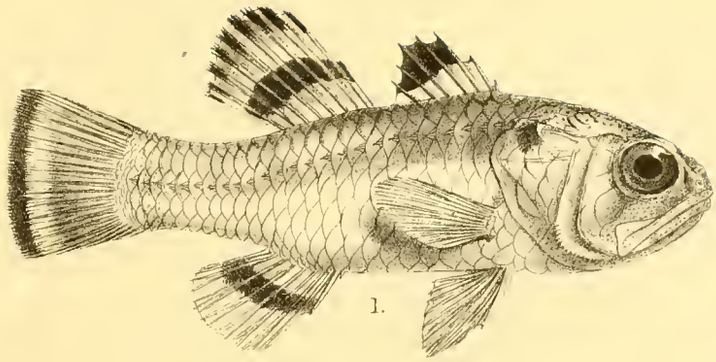
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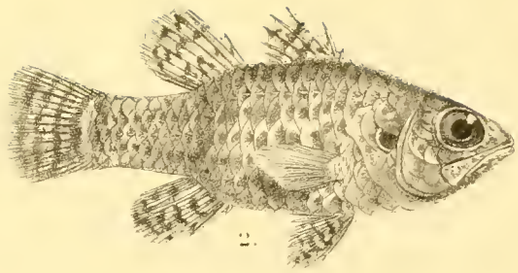
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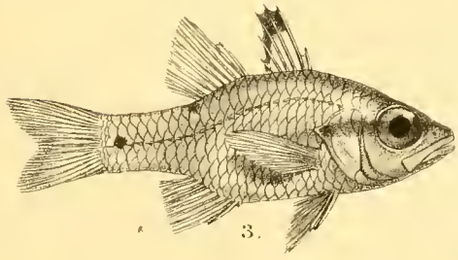
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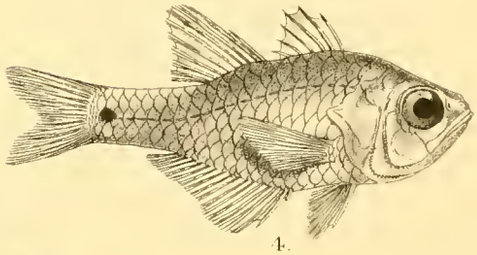
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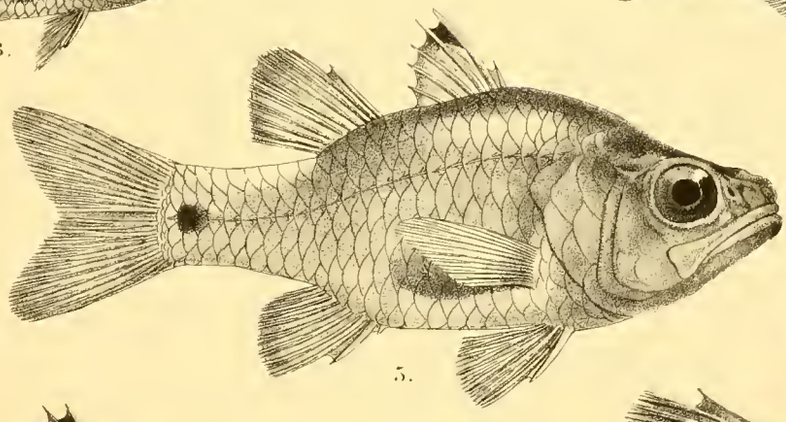
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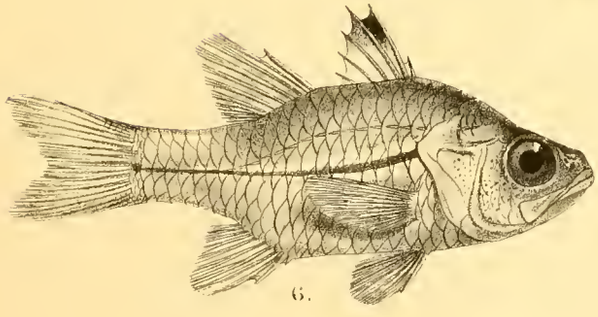
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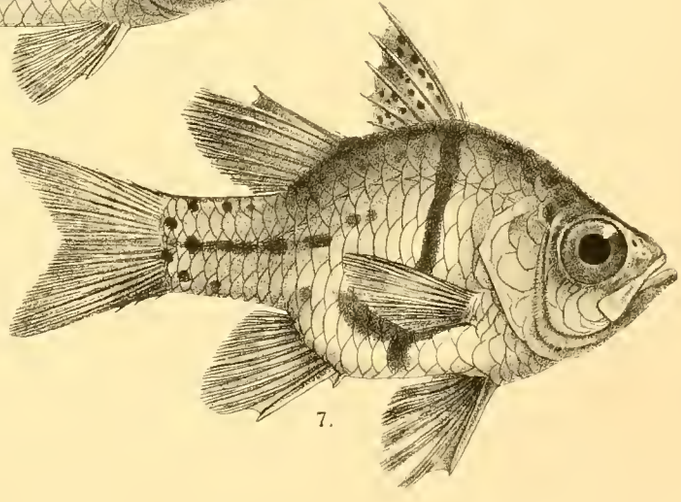
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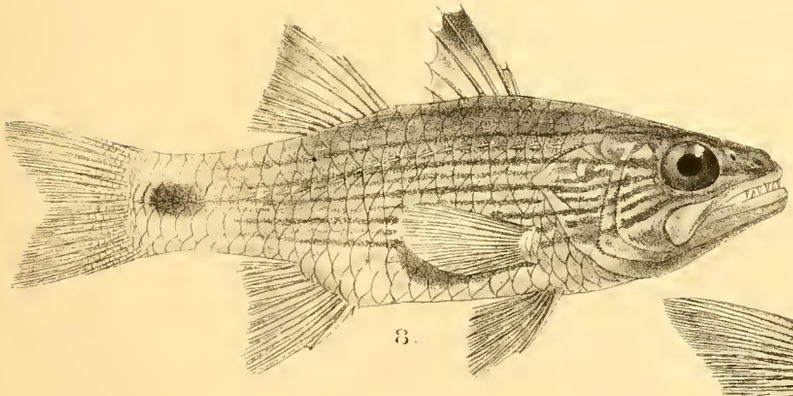
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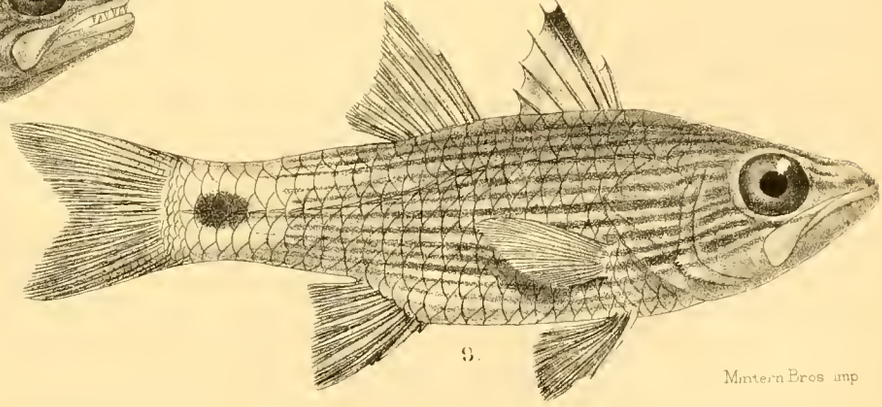
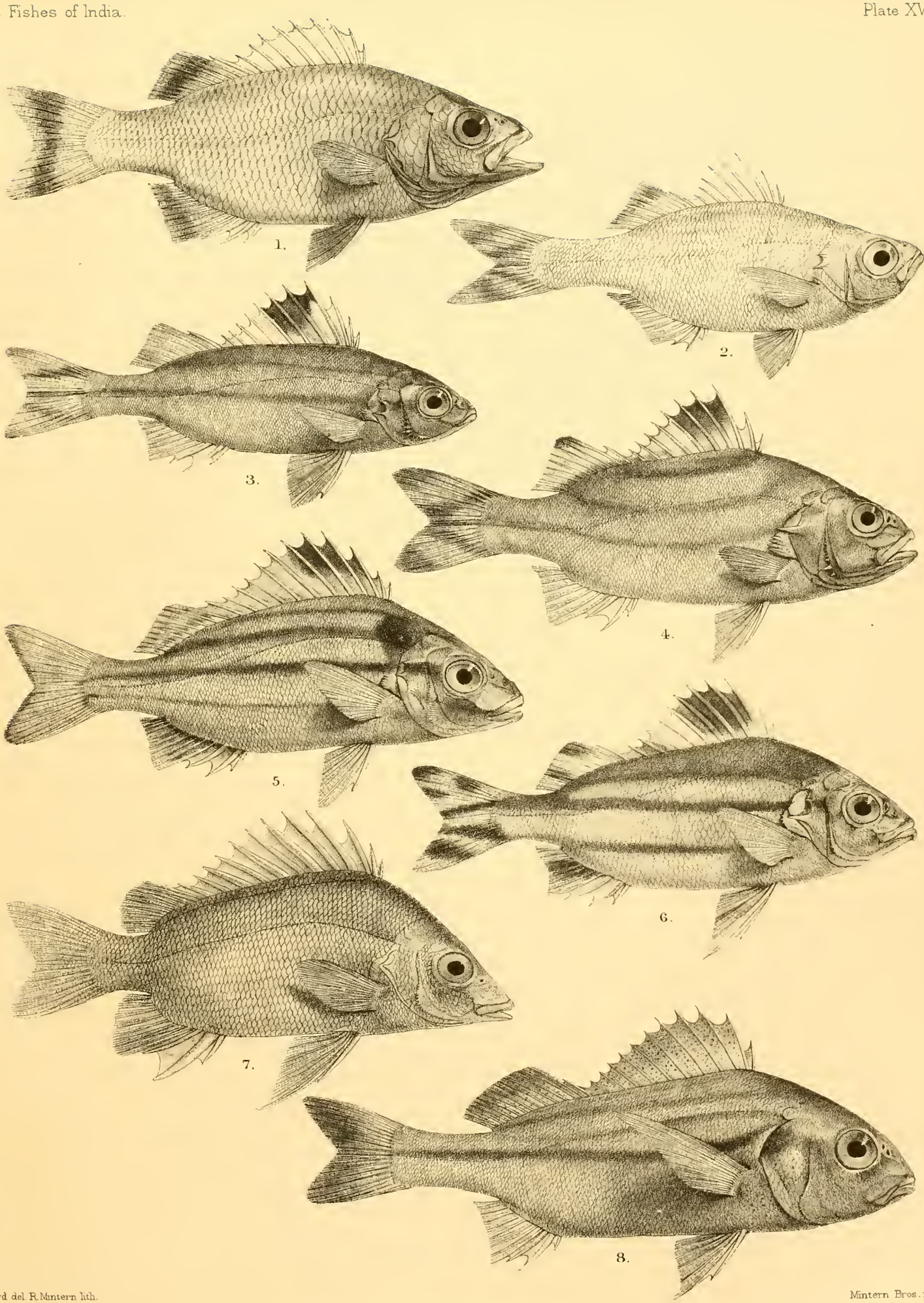

9.

G H Ford del. R Mintern lith

Mintern Bros. imp

1. APOGON ELLIOTI. 2. A. AURITUS. 3. A. SANGIENSIS. 4. A MACROPTERUS. 5. A HYALOSOMA.
6. A. CERAMENSIS. 7. A. ORBICULARIS. 8 & 9. CHEILODIPTERUS LINEATUS

ERSITY
MA USA



GH Ford del. R.Mintern lith. Mintern Bros. imp.

1, DULES MARGINATUS 2. D. ARGENTEUS. 3. THERAPON PUTA. 4. T. JARBUA. 5. T QUADRILINEATUS.
6. T. THERAPS. 7. DATNIA ARGENTEA 8. PRISTIPOMA NAGEB.

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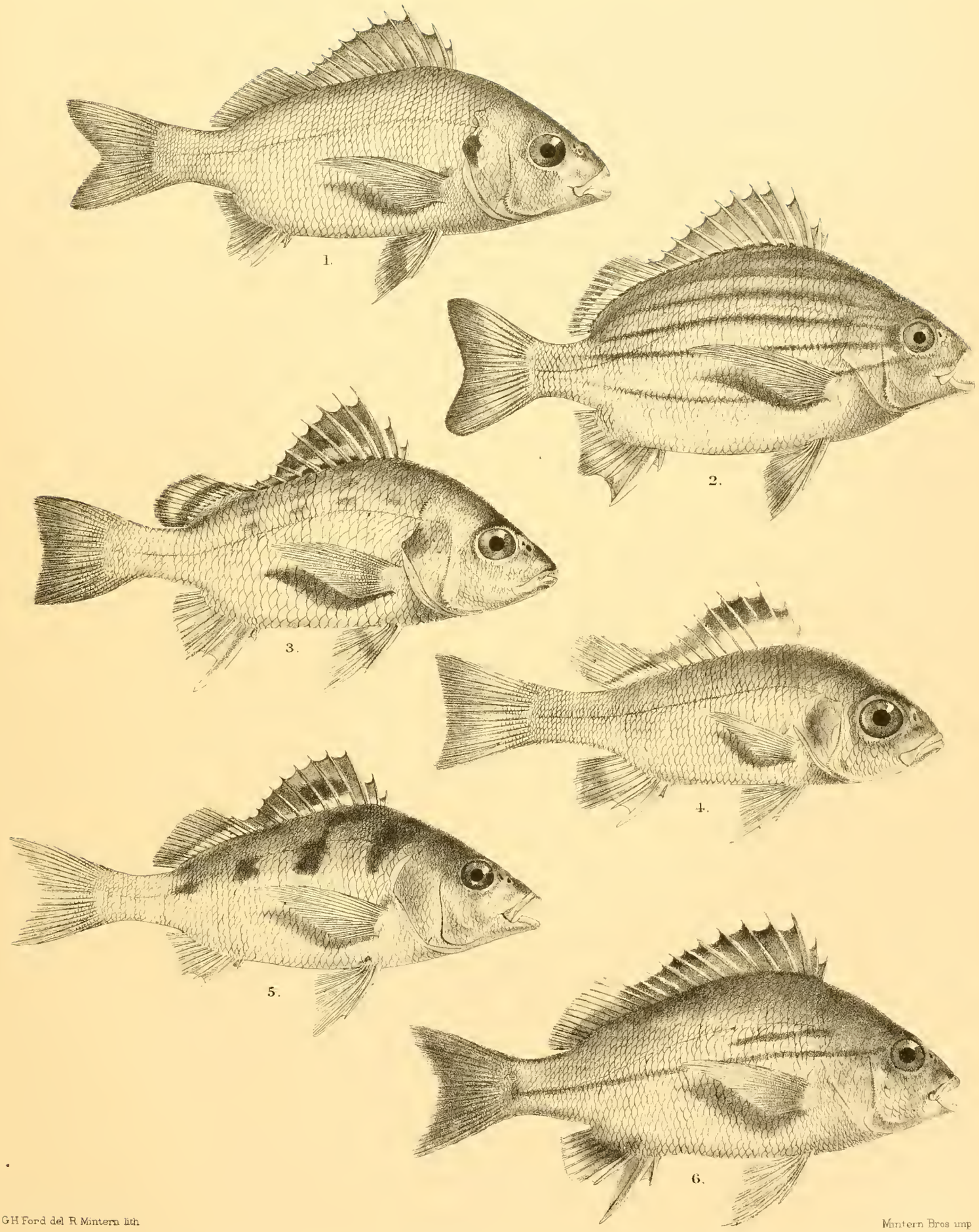

G H Ford del R Mintern lith

Mintern Bros imp

1, PRISTIPOMA OLIVACEUM. 2. P. FURCATUM. 3. P. HASTA 4. P HASTA (YOUNG $\frac{2}{1}$)
5. P. MACULATUM. 6. P. DUSSUMIERI.

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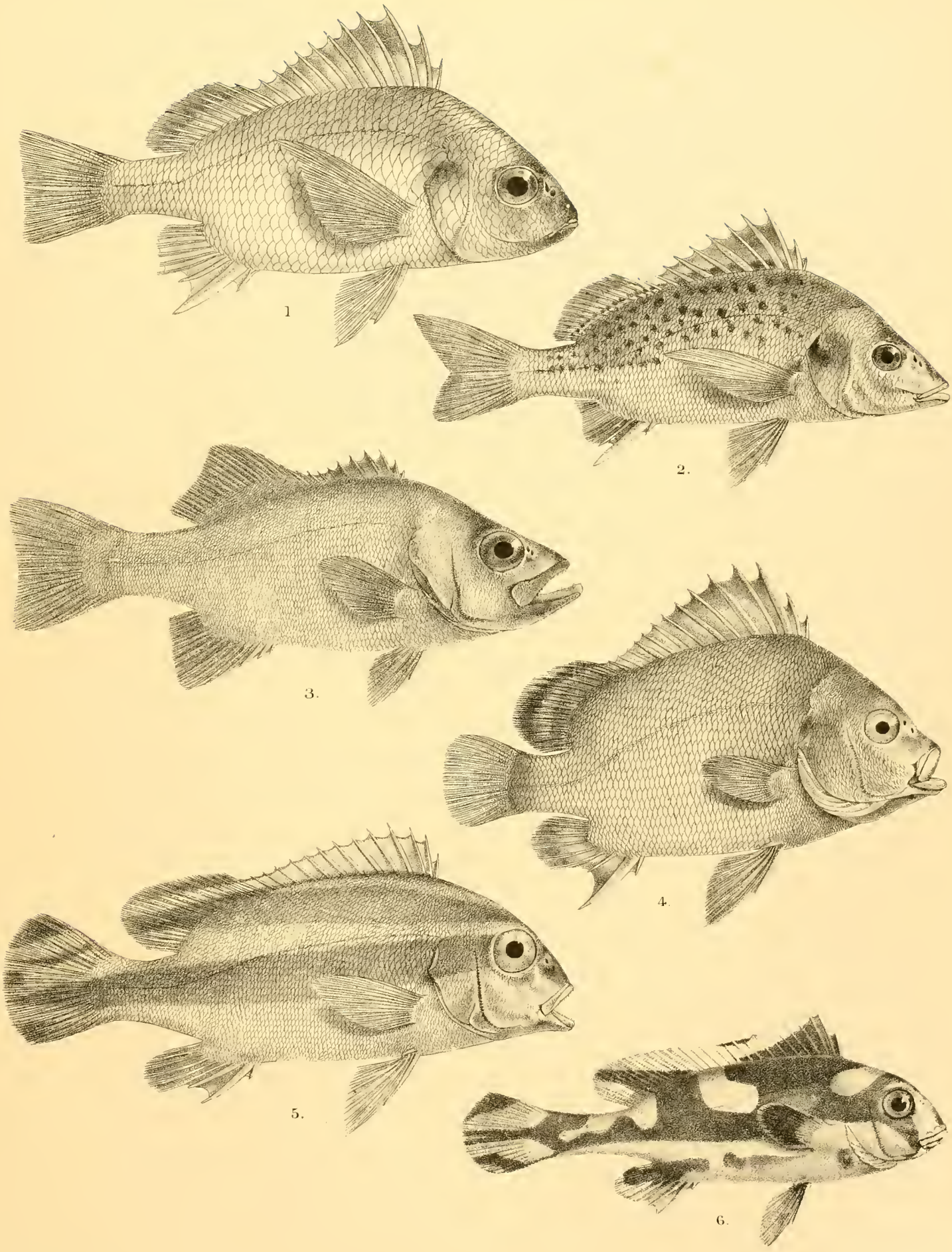
CAMBRIDGE, MA USA



G H Ford del R Mintern lith

Mintern Bros imp

1. PRISTIPOMA GUORAKA. 2. P. OPERCULARE. 3. HAPALOGENYS PETERSI. 4. DIAGRAMMA CRASSISPINUM.
5. D. LINEATUM. 6. D. ORIENTALE.

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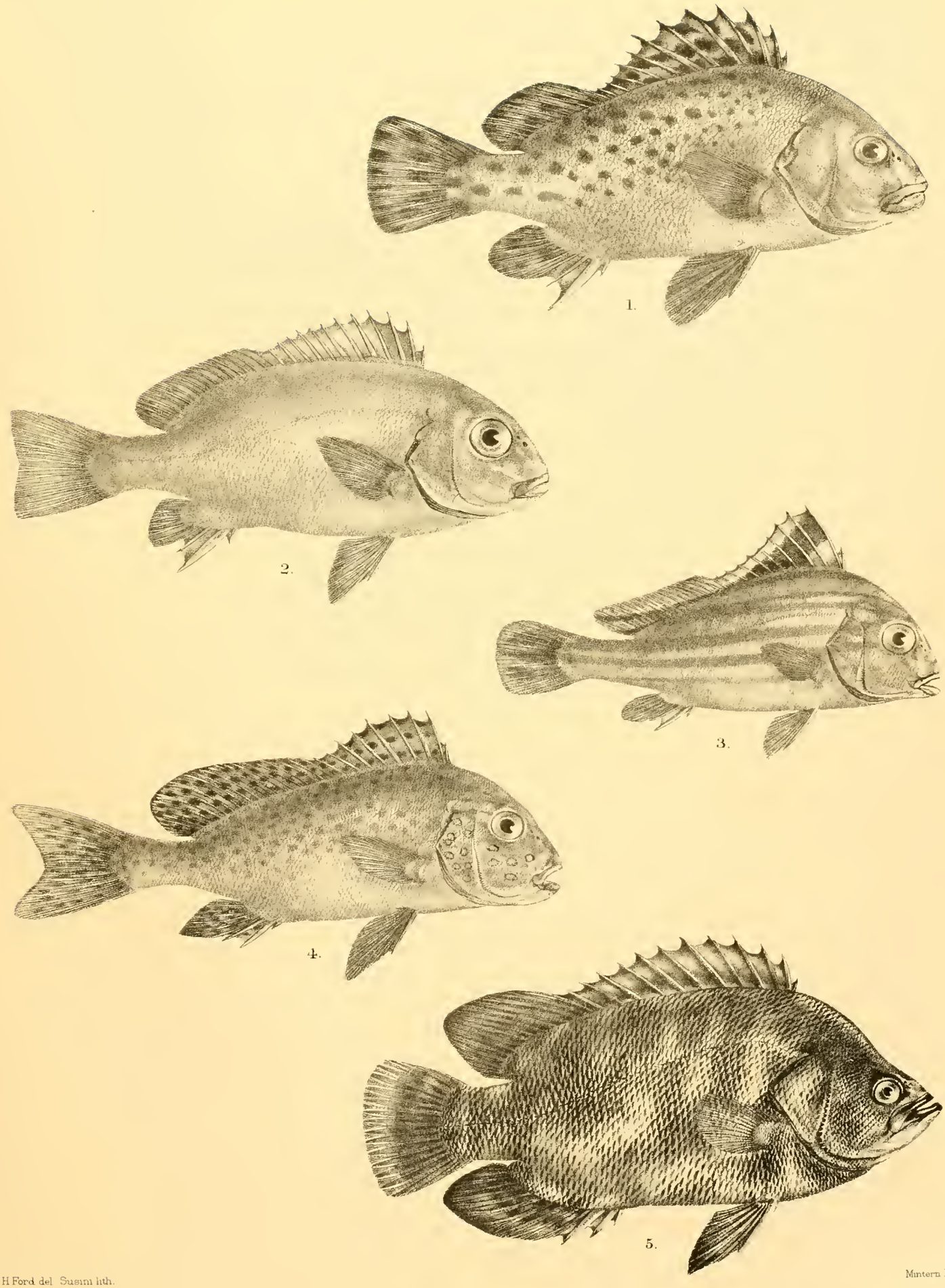

G H Ford del Susini lith. Mintern Bros imp.

1. DIAGRAMMA CINCTUM. 2. D. GRISEUM. 3. D. PICTUM. 4. D. PUNCTATUM.
5. LOBOTES SURINAMENSIS.

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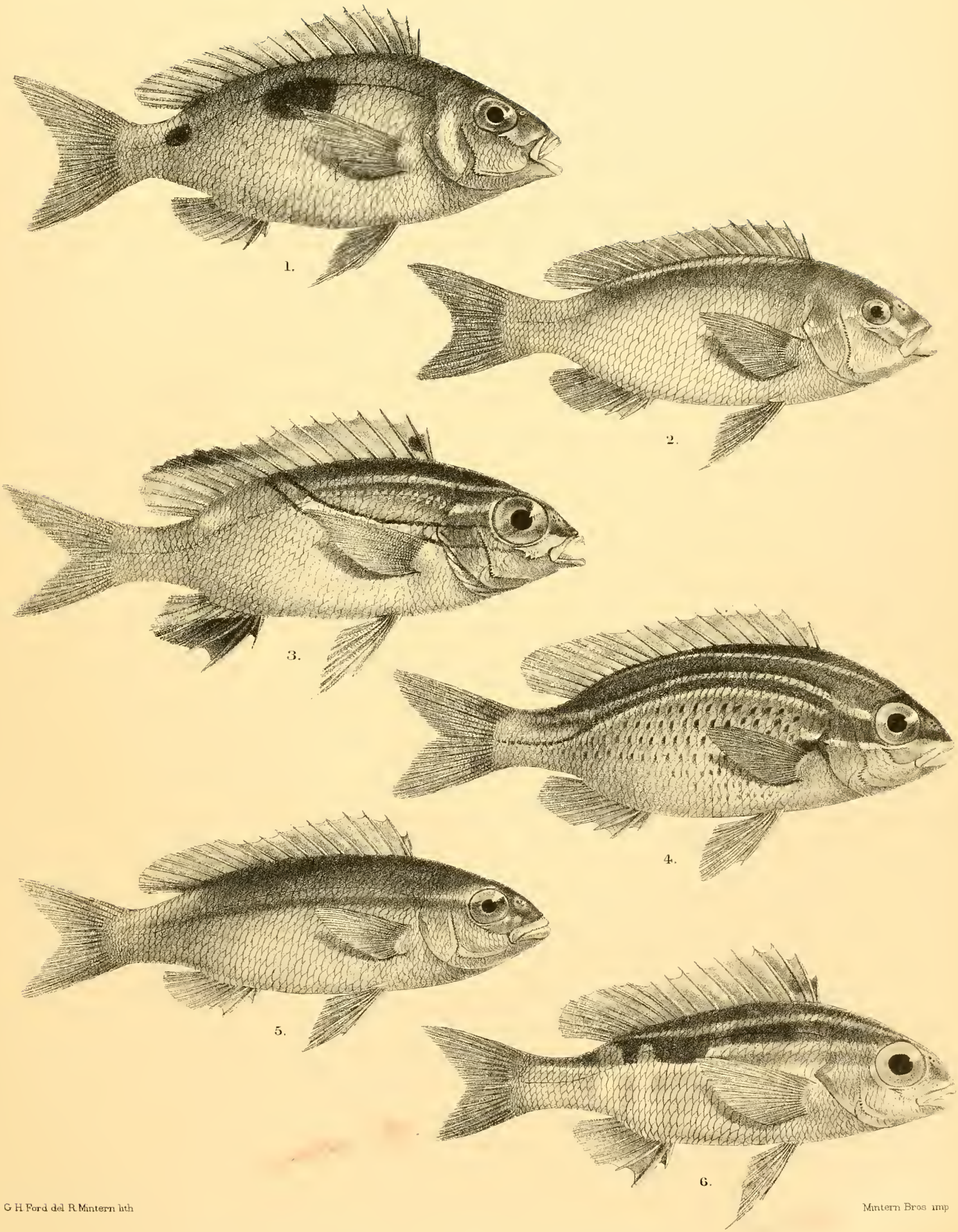

G H Ford del R Mintern lith Mintern Bros imp

1. SCOLOPSIS BIMACULATUS. 2. S. PHÆOPS. 3 S. BILINEATUS. 4. S GHANAM.
5. S. MONOGRAMMA. 6. S. CANCELLATUS.

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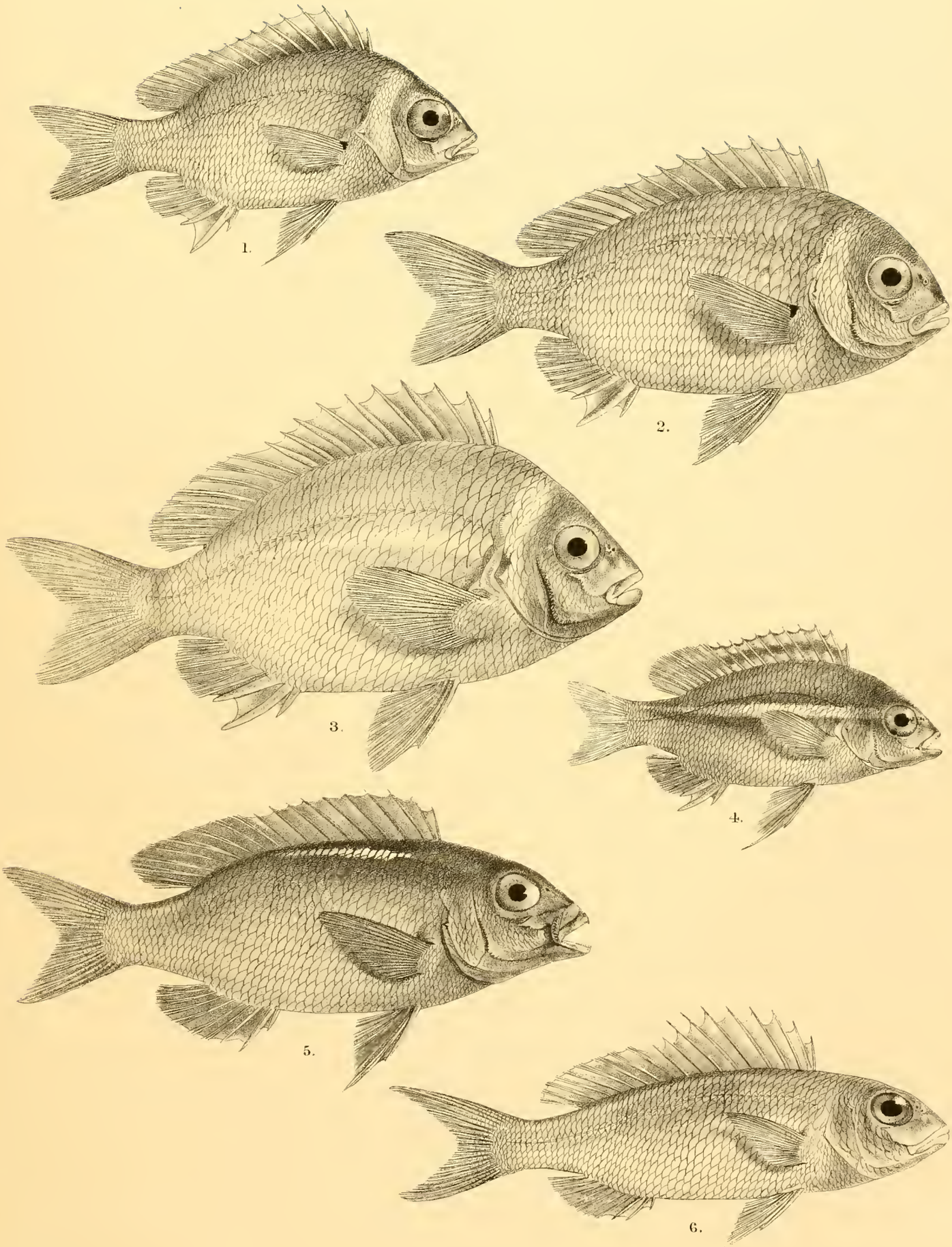

G.H.Ford del. R.Muntern lith

Muntern Bros imp

1, SCOLOPSIS VOSMERI (YOUNG). 2, S. VOSMERI (SEMI-ADULT). 3, S. VOSMERI. (ADULT). 4, S. LEUCOTÆNIA.
5 S. CILIATUS. 6. SYNAGRIS TOLU.

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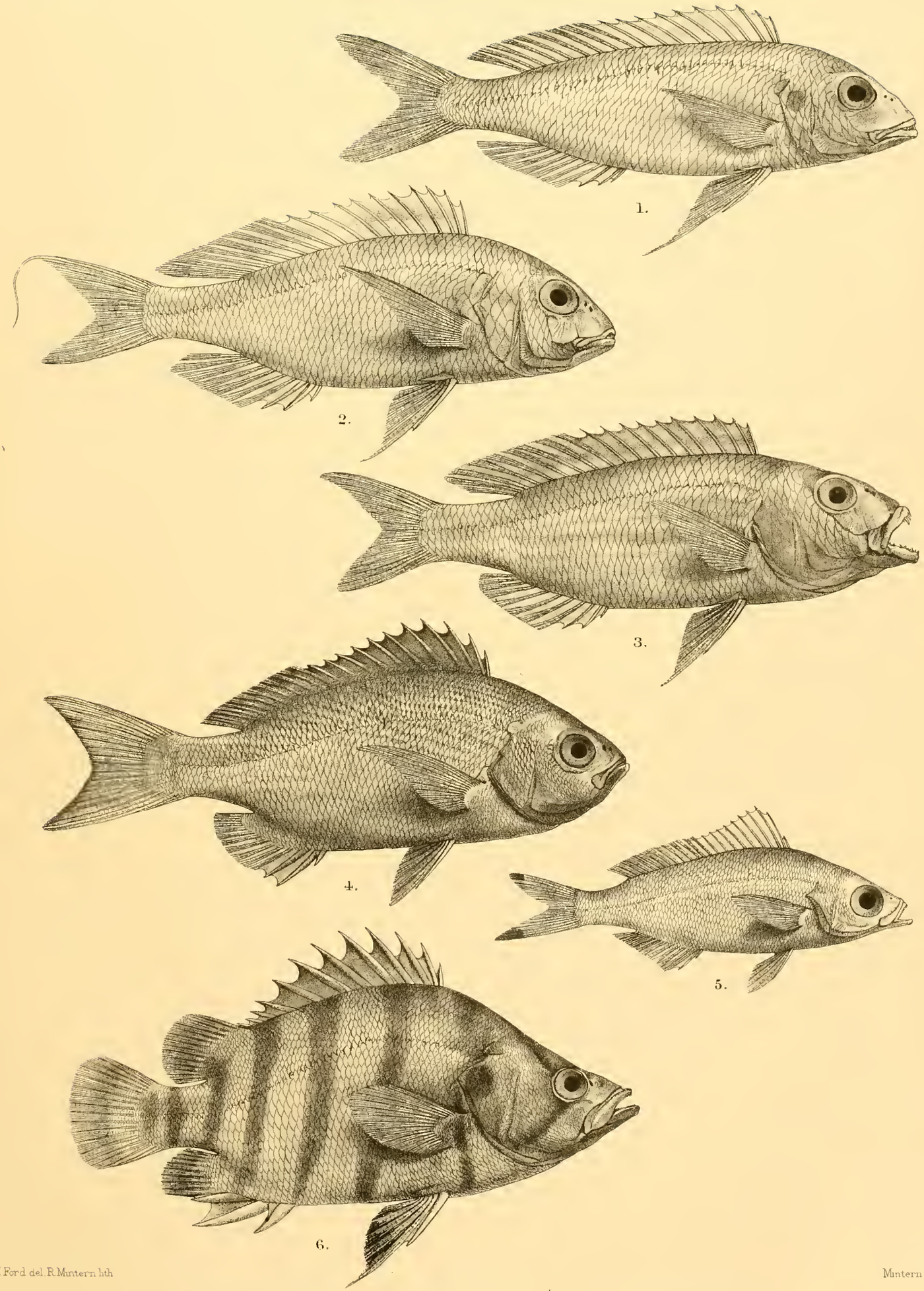

G.H.Ford del. R.Mintern lith

Mintern Bros imp

1, SYNAGRIS BLEEKERI. 2, S. JAPONICUS. 3, S. NOTATUS. 4. CÆSIO. PINJALO.
5, C. CHRYSOZONA (VARIETY AUROLINEATUS). 6, DATNIOIDES POLOTA.

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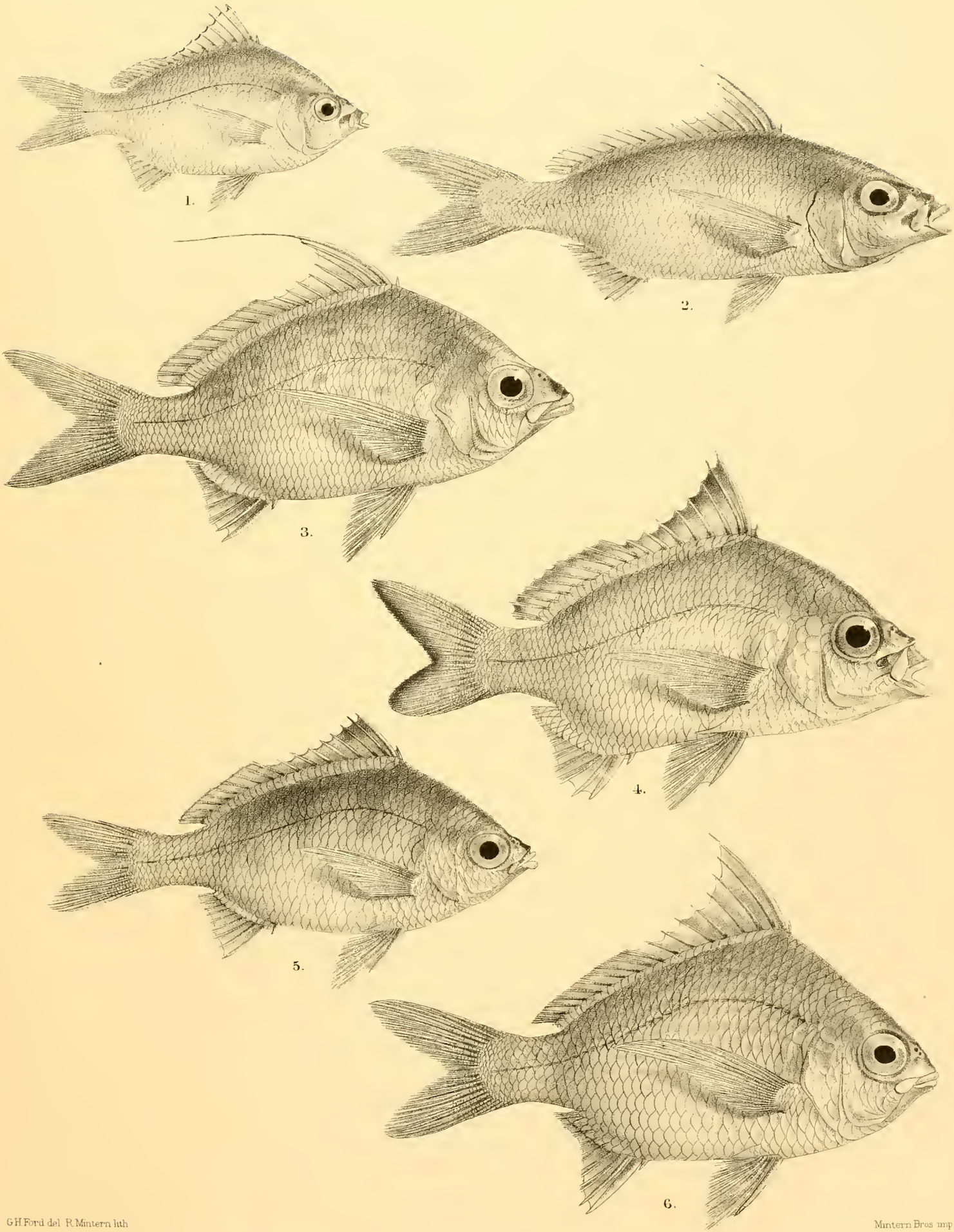

G.H.Ford del. R.Mintern lith. Mintern Bros. imp.

1, GERRES SETIFER. 2, G. OBLONGUS. 3, G. FILAMENTOSUS. 4, G. OYENA.
5, G. LUCIDUS. 6, G. ABBREVIATUS

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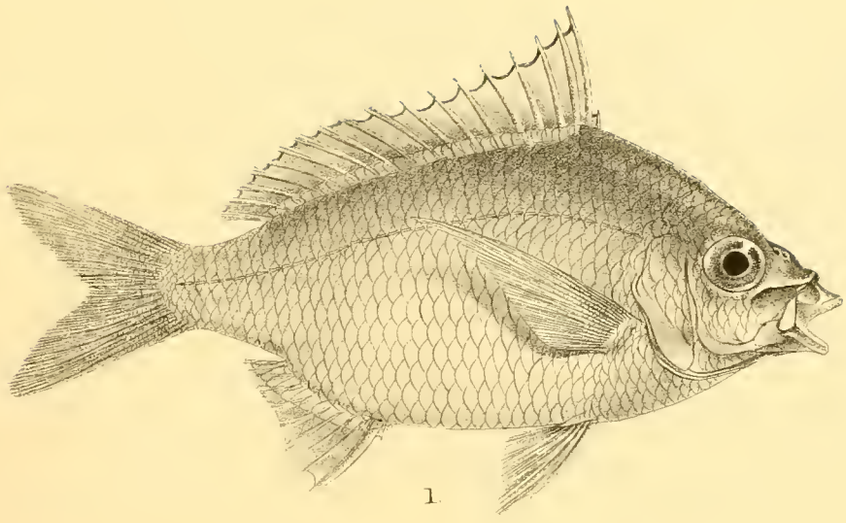

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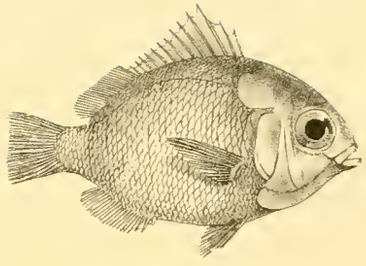

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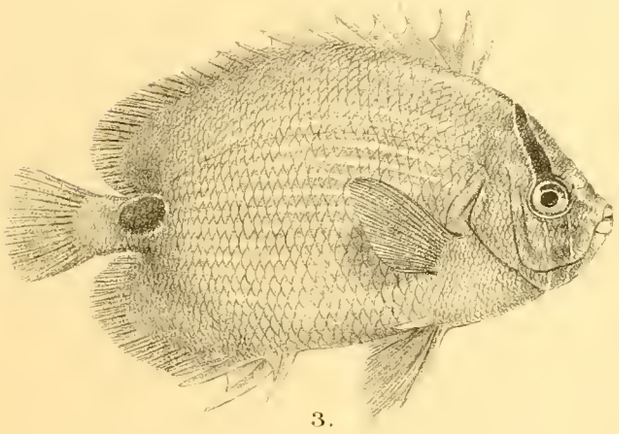

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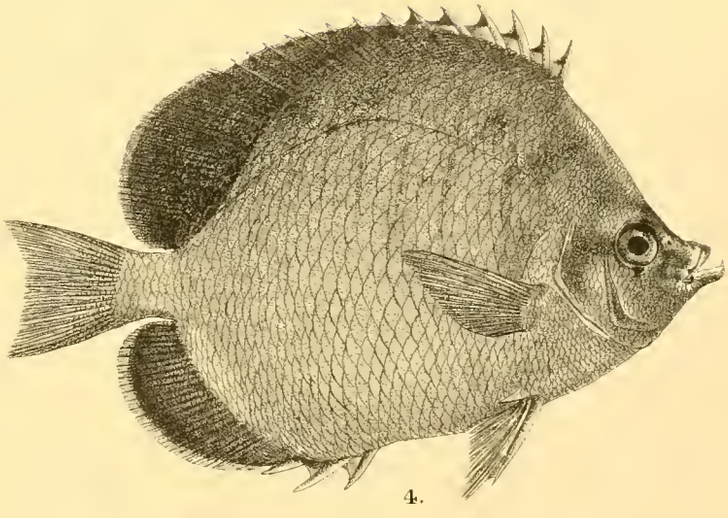

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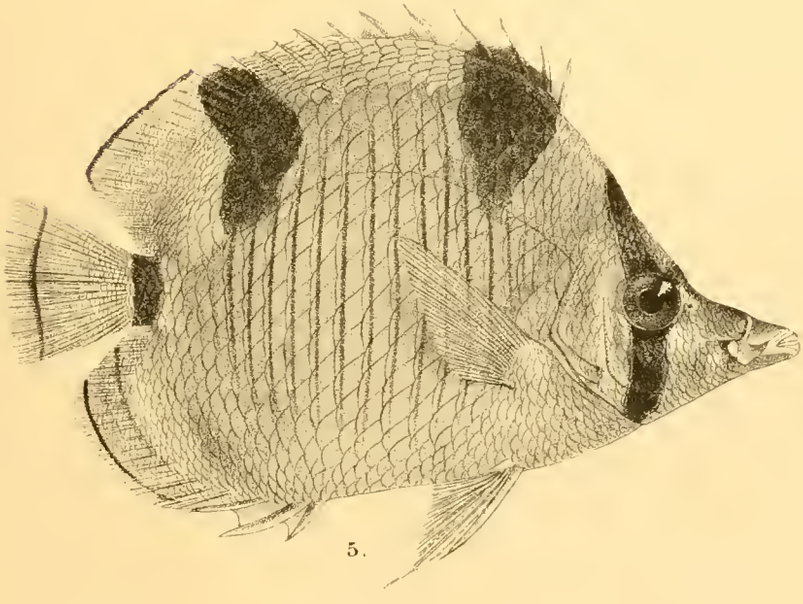

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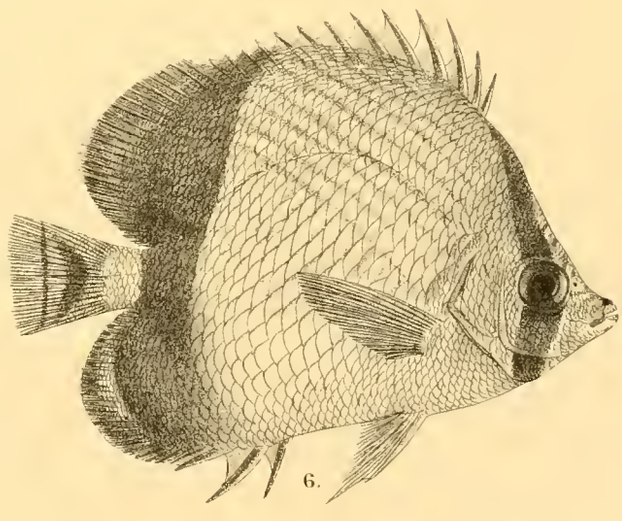

6.

G H Ford del R Mintern lith

Mintern Bros imp

1, GERRES POETI. 2, THOLICHTHYS OSSEUS $\left(\frac{2}{1}\right)$ 3, CHÆTODON PLEBEIUS. 4, C. XANTHOCEPHALUS.
5, C. FALCULA 6, C. PICTUS.

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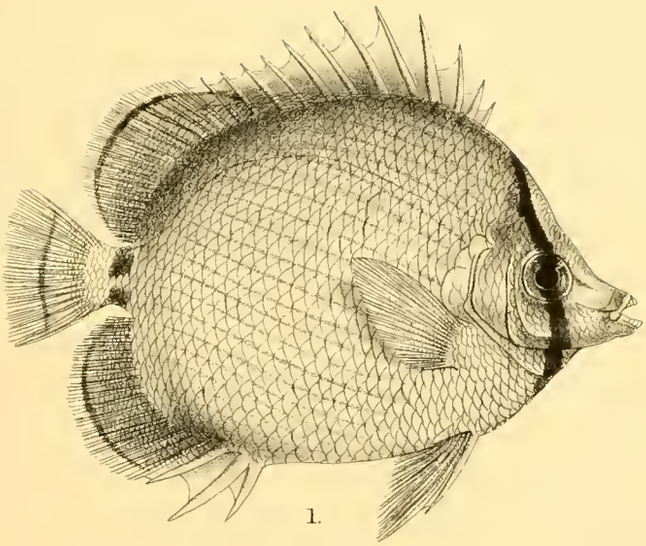

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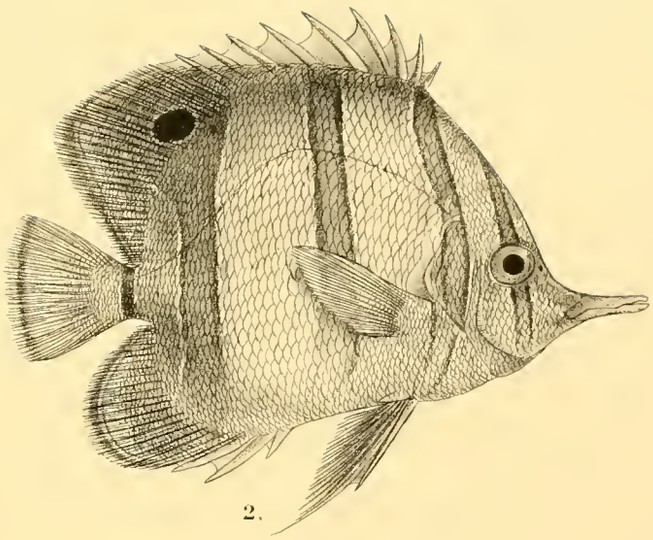

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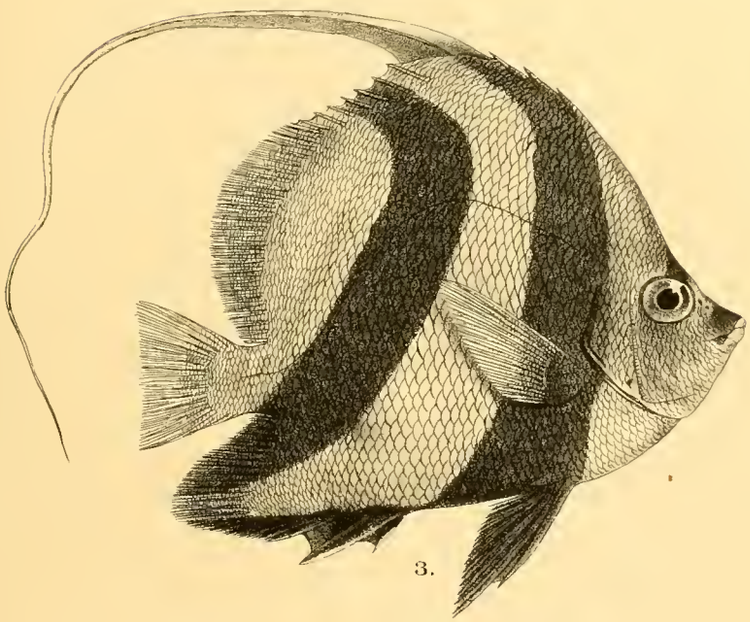

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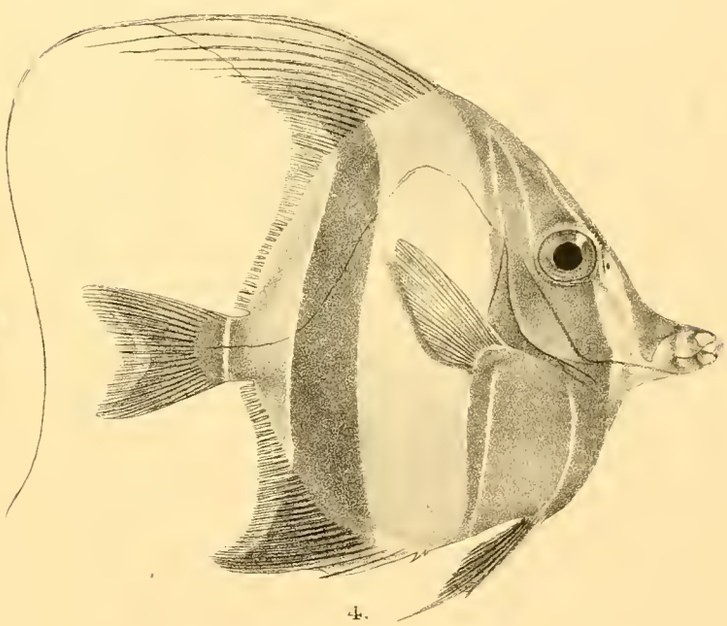

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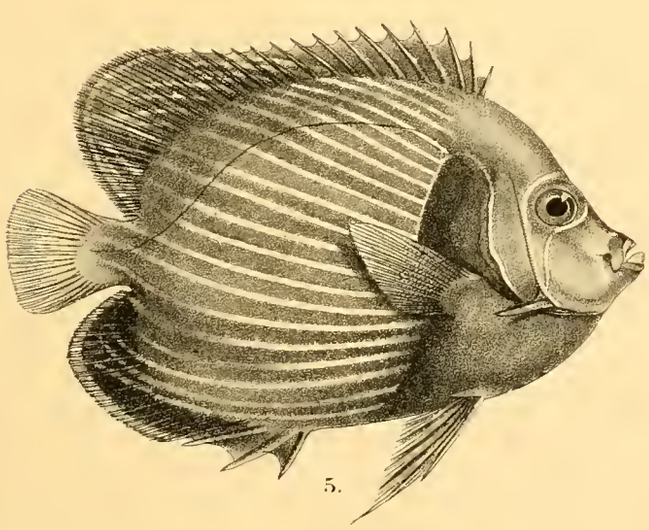

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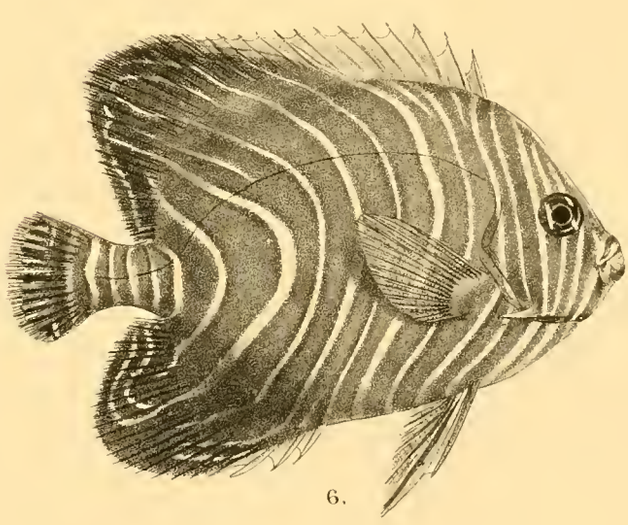

6.

G.H Ford del. R.Mintern lith. Mintern Bros. imp.

1, CHÆTODON MELANOTUS. 2, CHELMO ROSTRATUS. 3, HENIOCHUS MACROLEPIDOTUS. 4, ZANCLUS CORNUTUS.
5, HOLACANTHUS IMPERATOR. 6, H. NICOBARIENSIS (VAR. SEMICIRCULATUS.)

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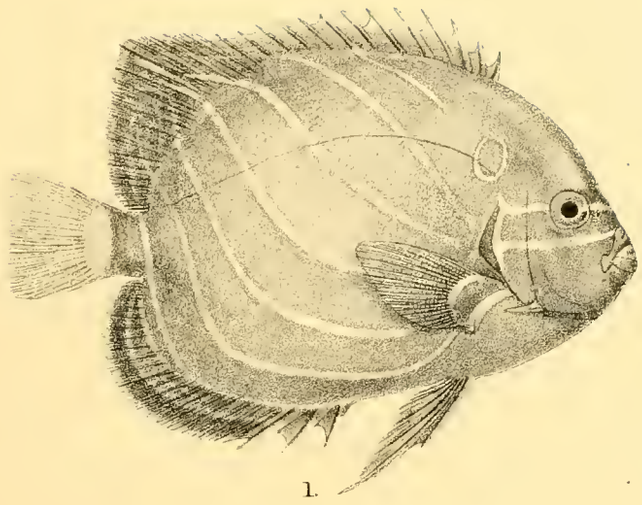

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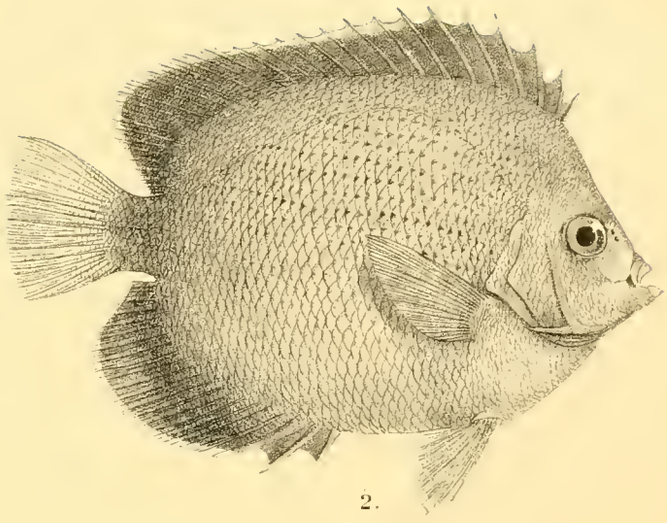

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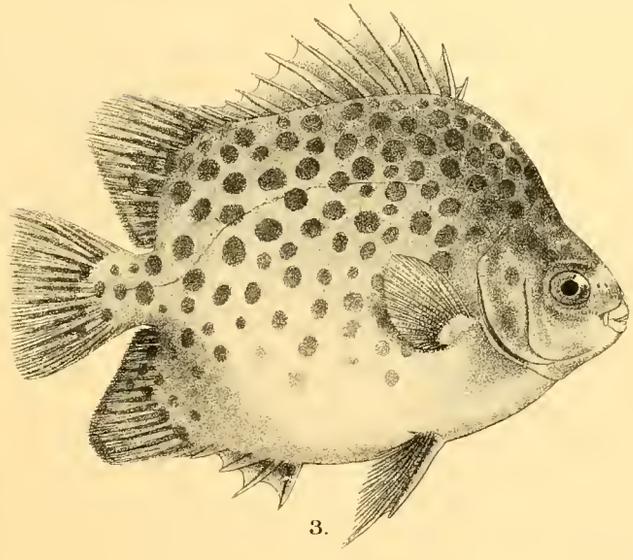

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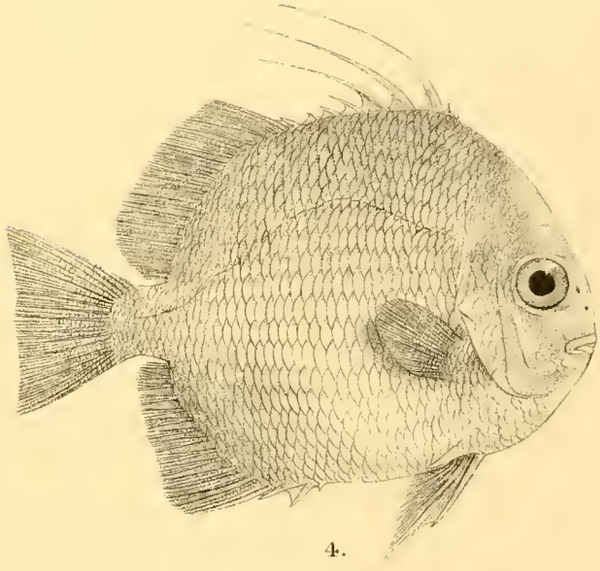

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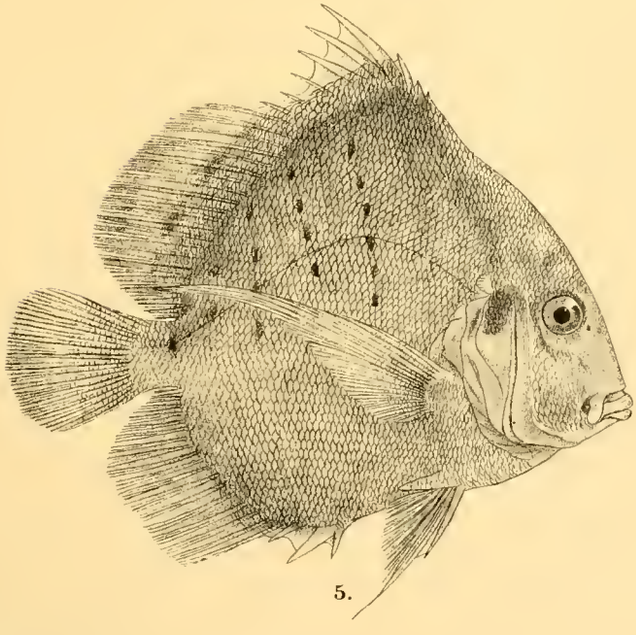

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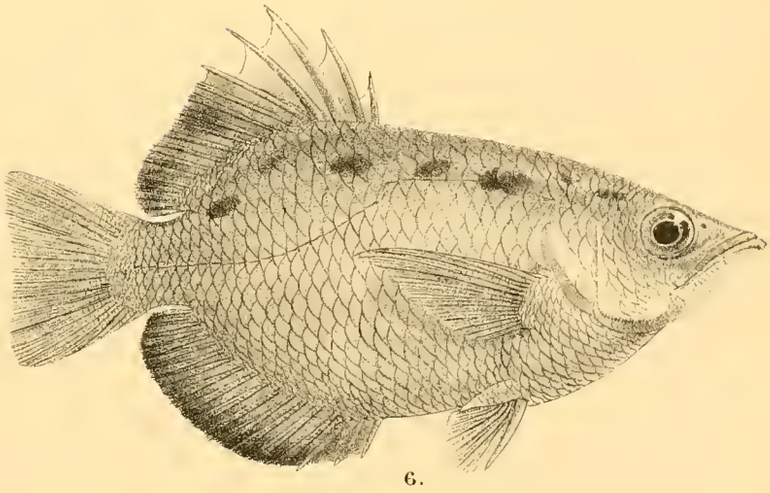

6.

G H Ford del. R Mintern lith.

Mintern Bros imp

1, HOLACANTHUS ANNULARIS. 2, H XANTHURUS. 3, SCATOPHAGUS ARGUS. 4, EPHIPPUS ORBIS.
5, DREPANE PUNCTATA. 6, TOXOTES CHATAREUS.

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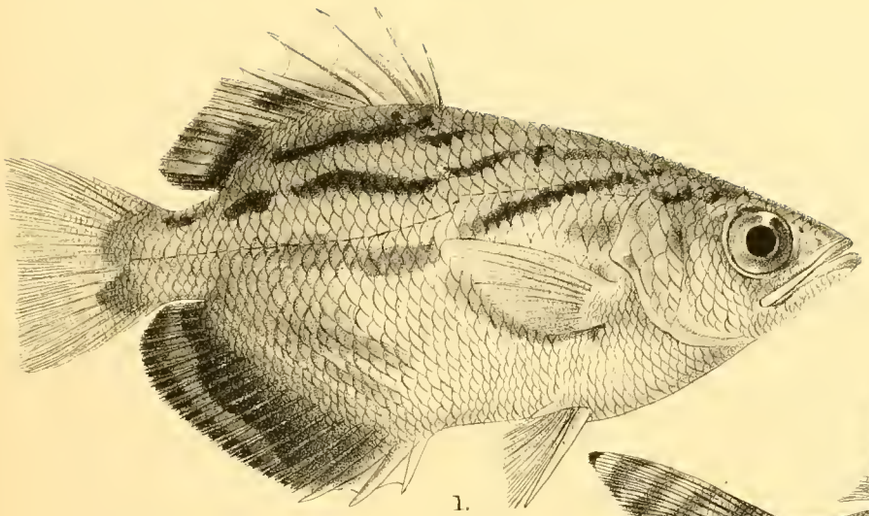
MA USA



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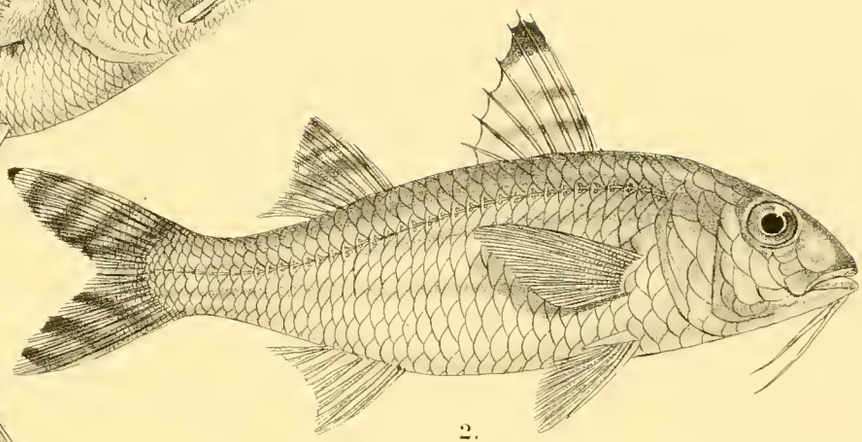

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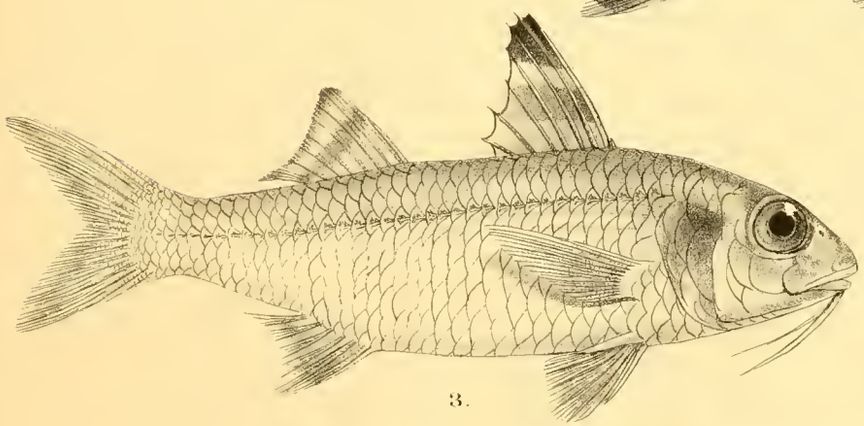

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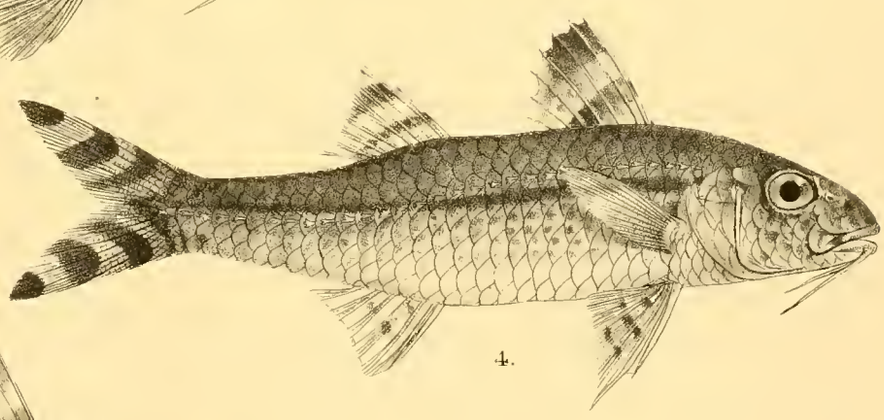

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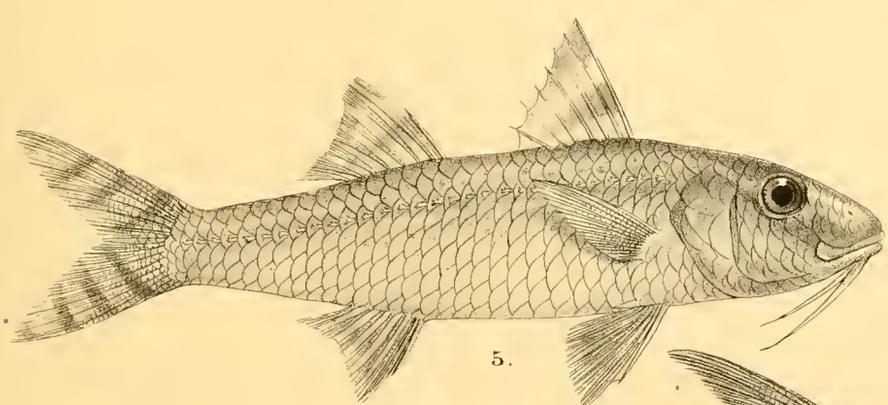

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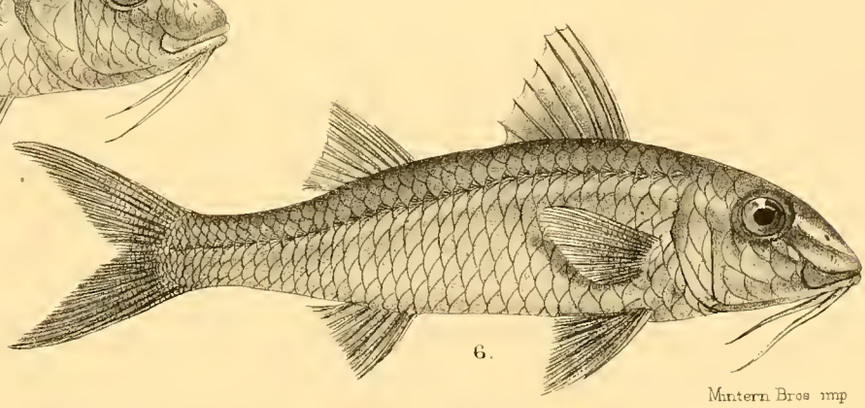

6.

G.H.Ford del. R.Mintern lith.

Mintern Bros. imp

1, TOXOTES MICROLEPIS. 2, UPENEOIDES VITTATUS. 3, U. SULPHUREUS. 4, U. TRAGULA.
5, U. BENSASI. 6, U. FLAVOLINEATUS.

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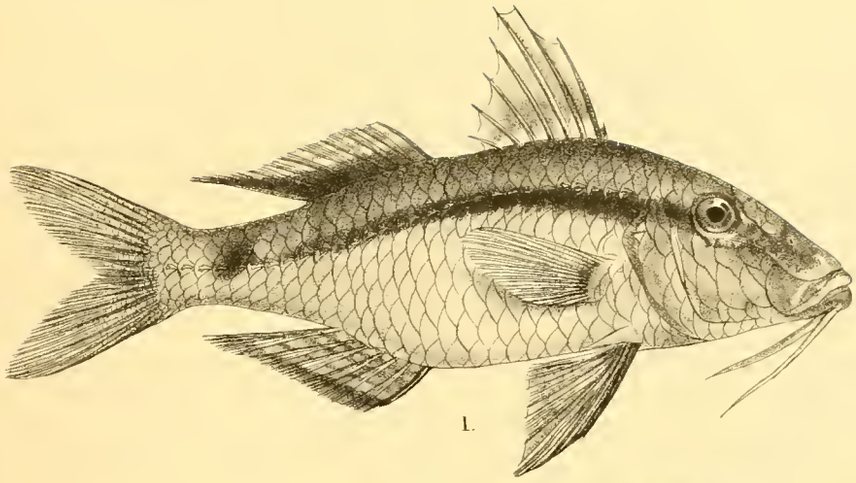

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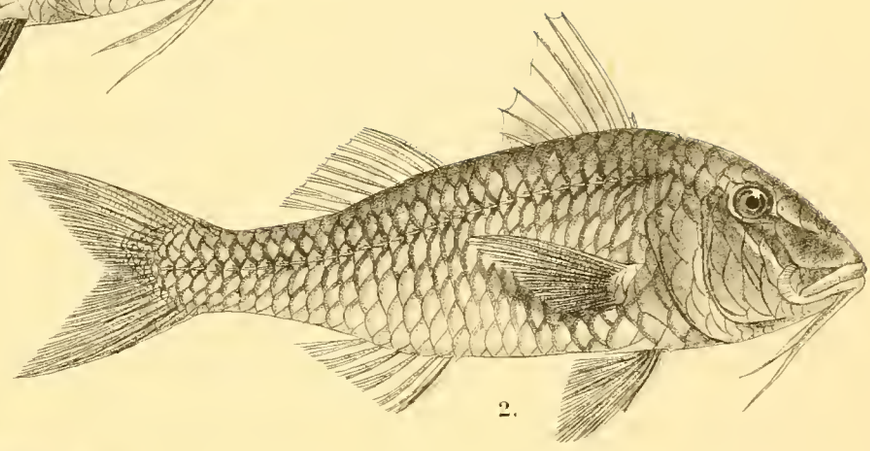

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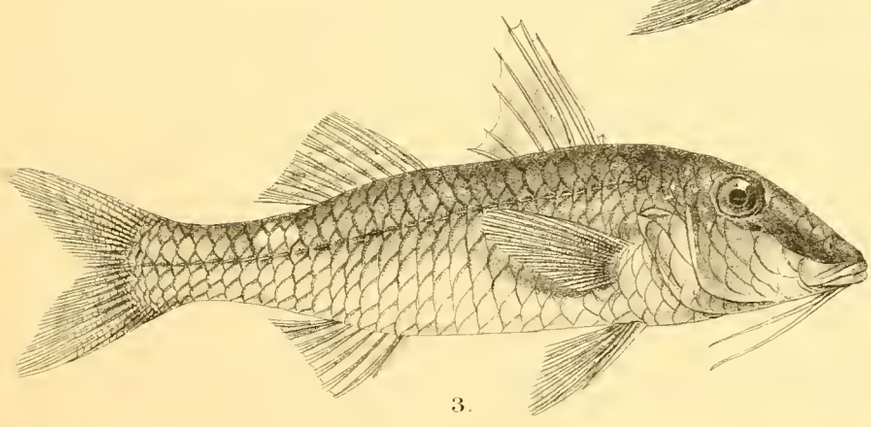

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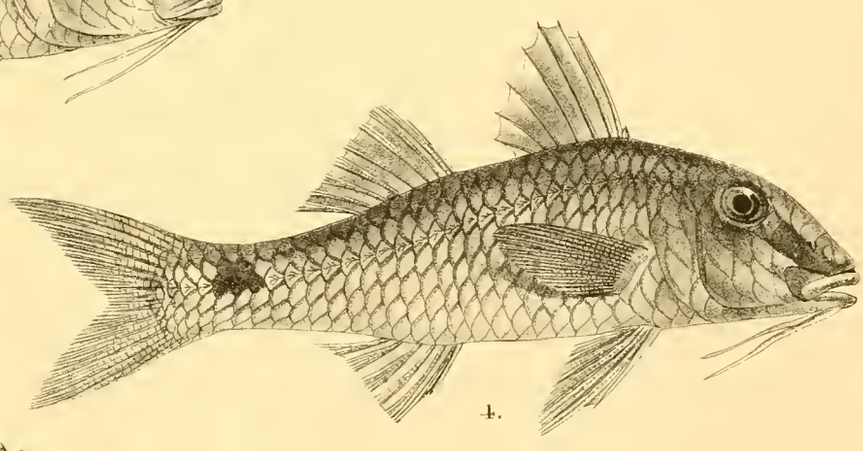

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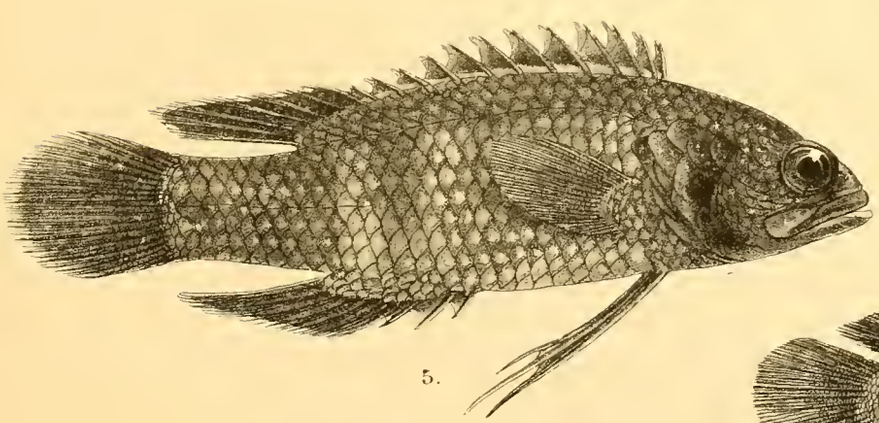

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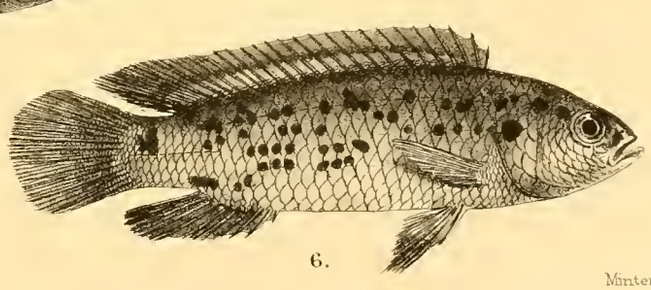

6.

G.H.Ford. del. R.Mintern lith.

Mintern Bros. imp.

1, UPENEUS MACRONEMUS. 2 U. LUTEUS 3, U. DISPLURUS. 4, U. INDICUS.
5, PLESIOPS NIGRICANS. 6, BADIS BUCHANANI.

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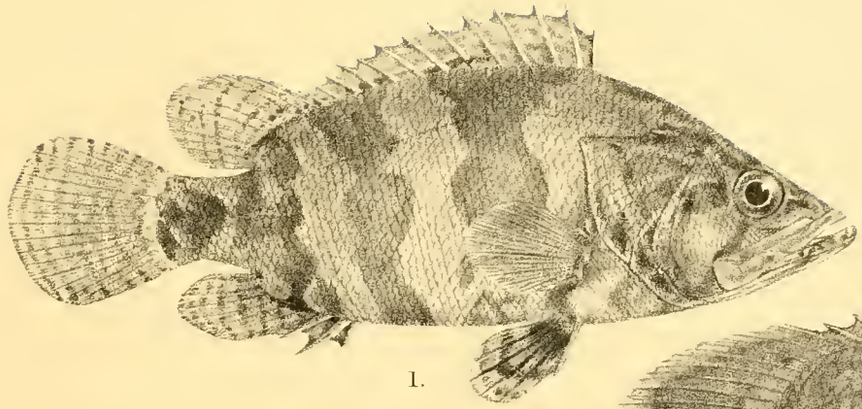

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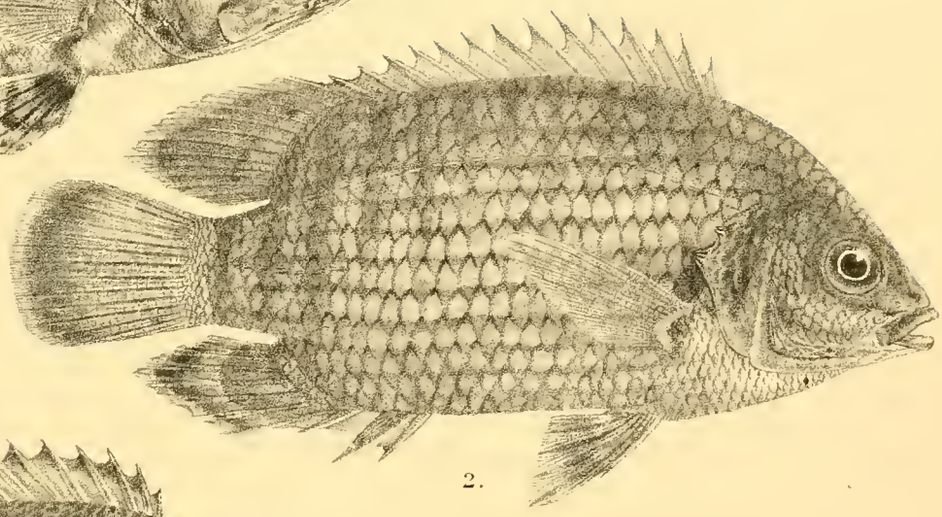

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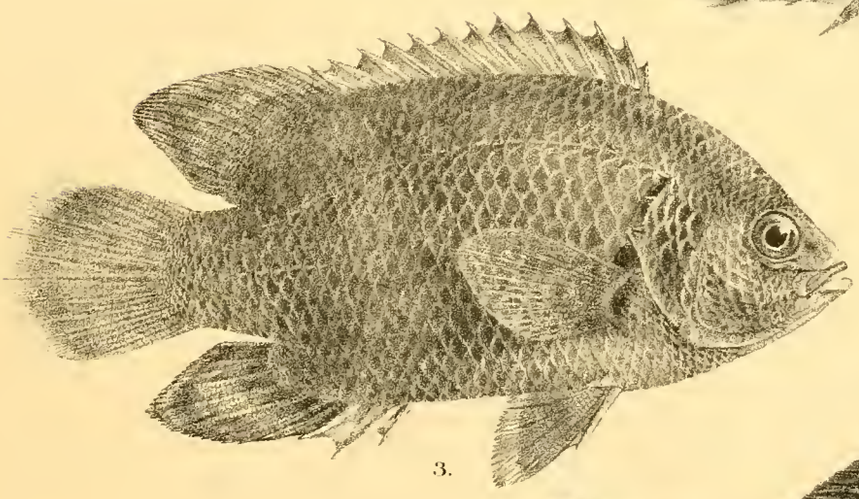

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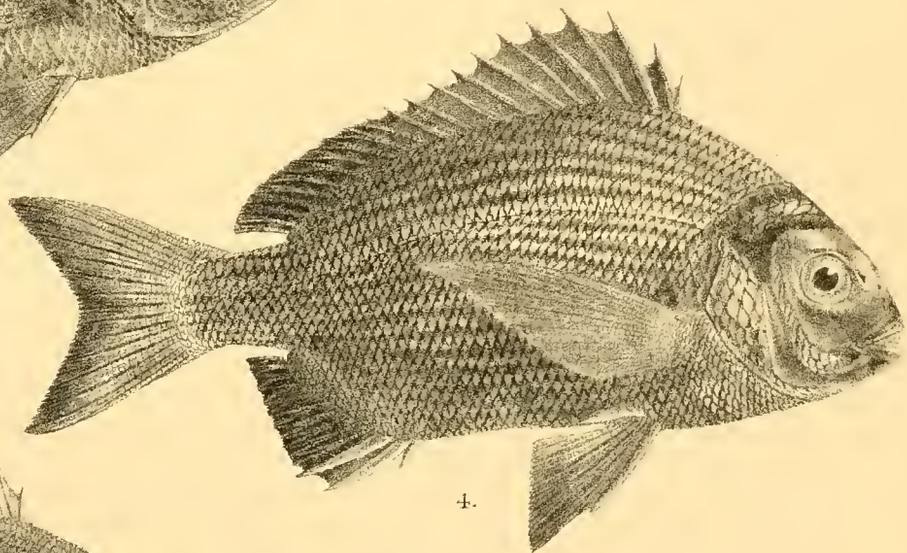

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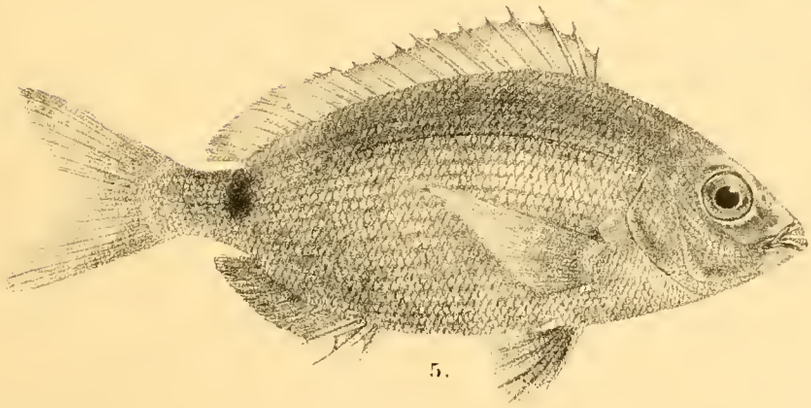

5.

C.H. Ford del. et lith. Mintern Bros. imp.

1. NANDUS MARMORATUS. 2. PRISTOLEPIS MALABARICUS. 3, P. FASCIATUS. 4, CRENIDENS INDICUS.
5, SARGUS NOCT.

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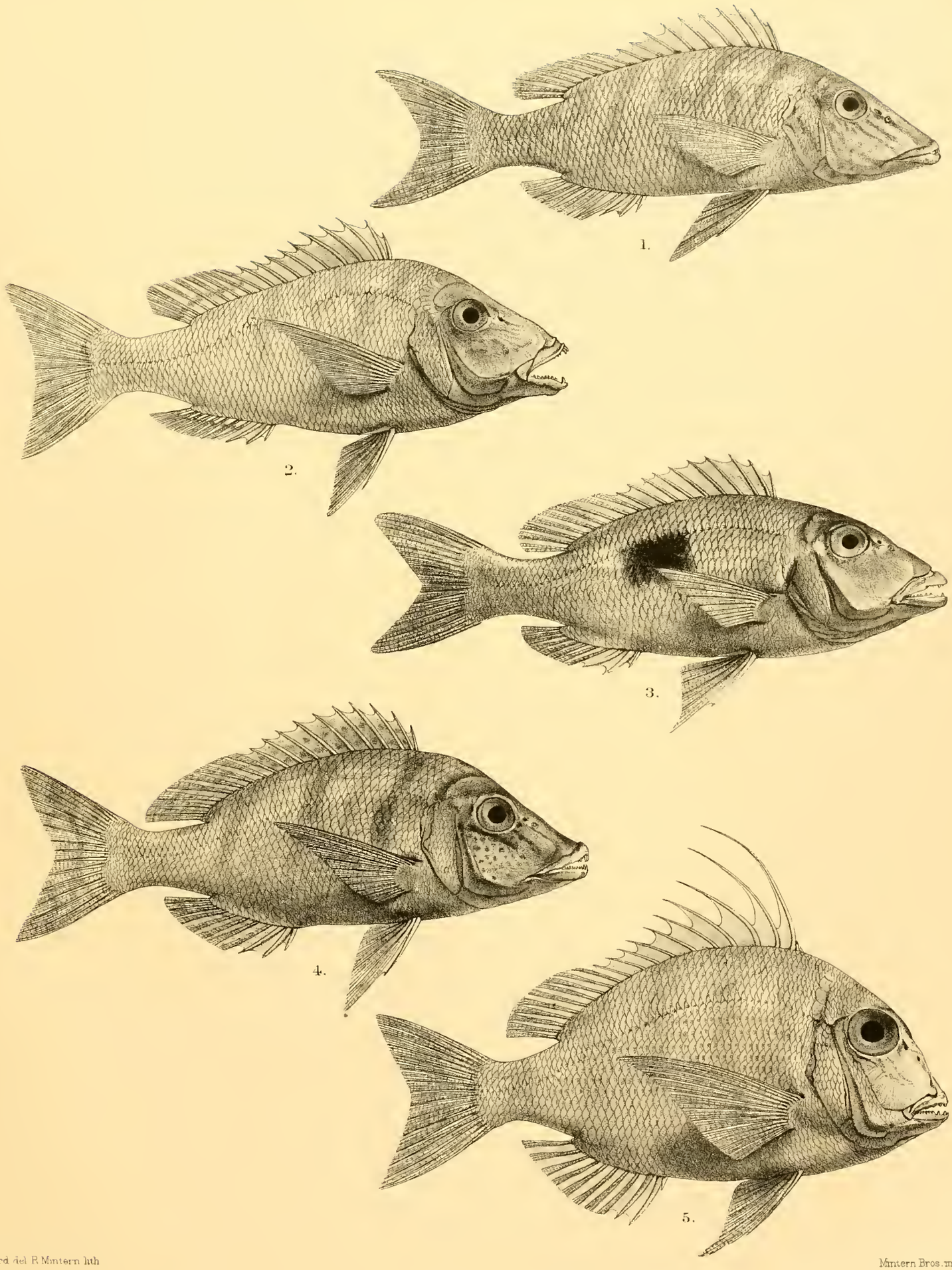

G.H.Ford del. R.Mintern lith

Mintern Bros. imp.

1, [illegible] ROSTRATUS. 2, L. KARWA. 3, L. HARAK. 4, L. NEBULOSUS
5, PAGRUS SPINIFER.

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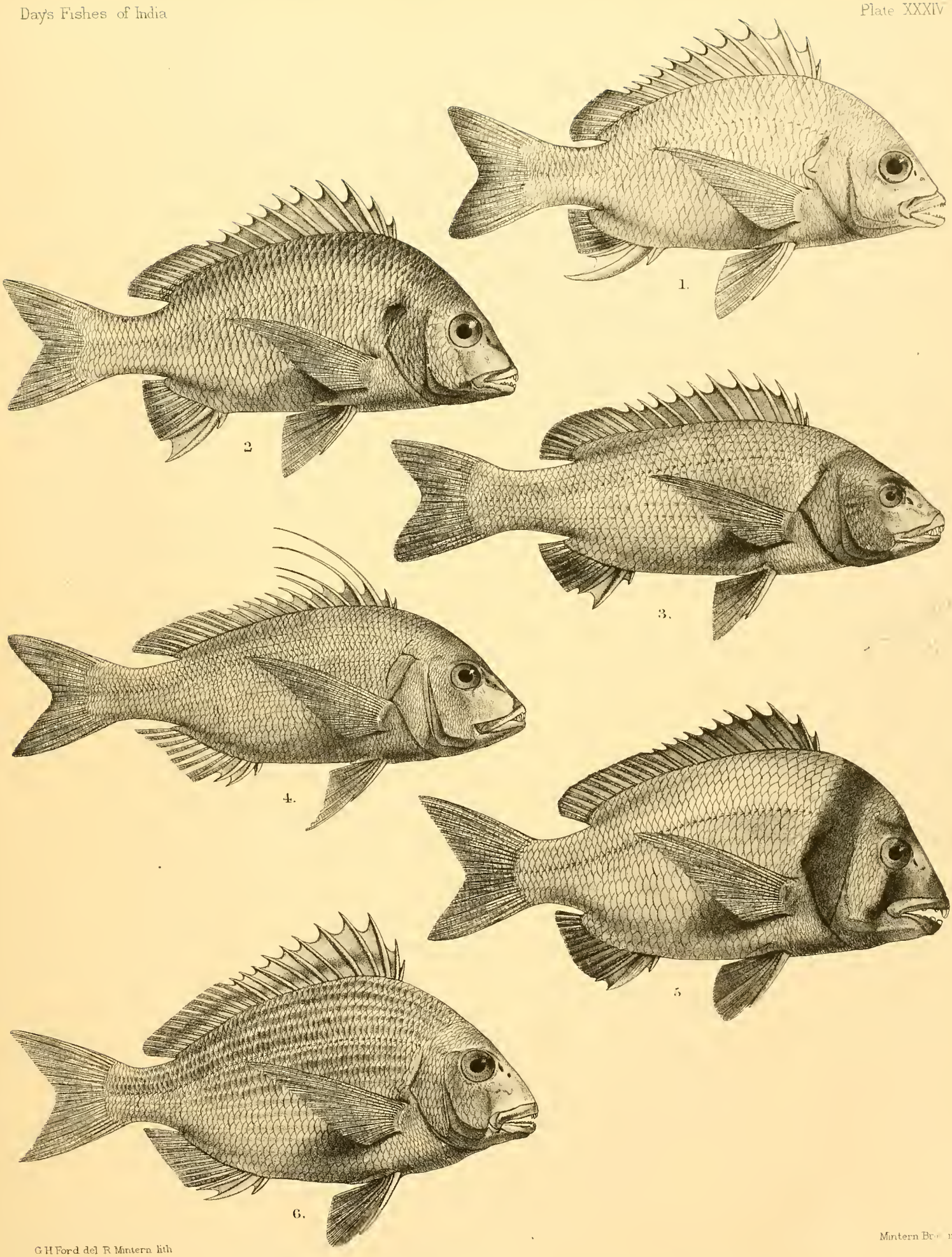

G H Ford del R Mintern lith

Mintern Bros imp

1, CHRYSOPHRYS DATNIA. 2, C BERDA 3, C. CUVIERI 4, DENTEX NUFAR.
5 CHRYSOPHRYS BIFASCIATA. 6, C. SARBA.

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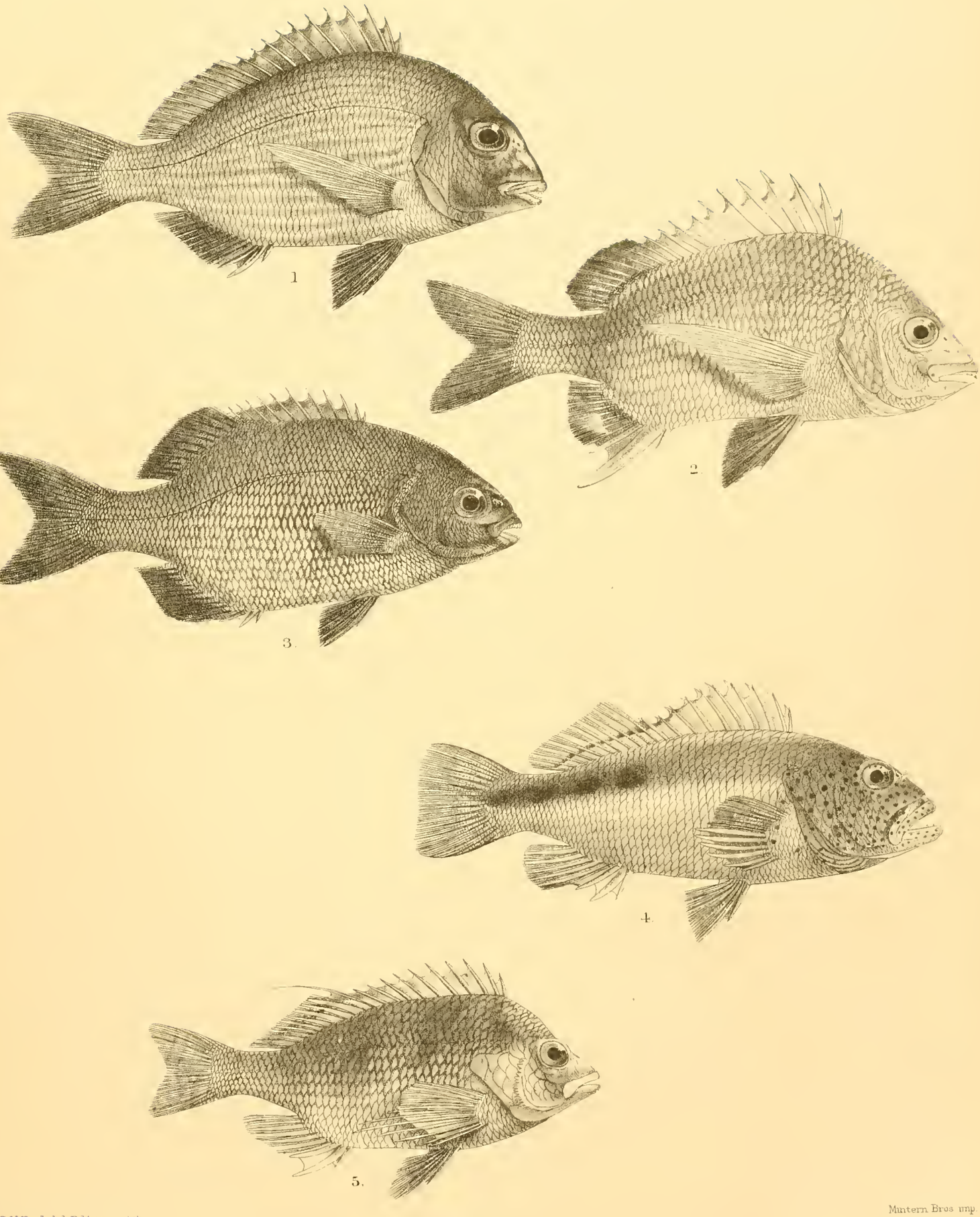

G.H.Ford del R.Mintern lith

Mintern Bros imp.

1, CHRYSOPHRYS HAFFARA. 2, C. BERDA (VARIETY CALAMARA). 3, PIMELEPTERUS CINERASCENS
4, CIRRHITES FORSTERI. 5, CIRRHITICHTHYS AUREUS.

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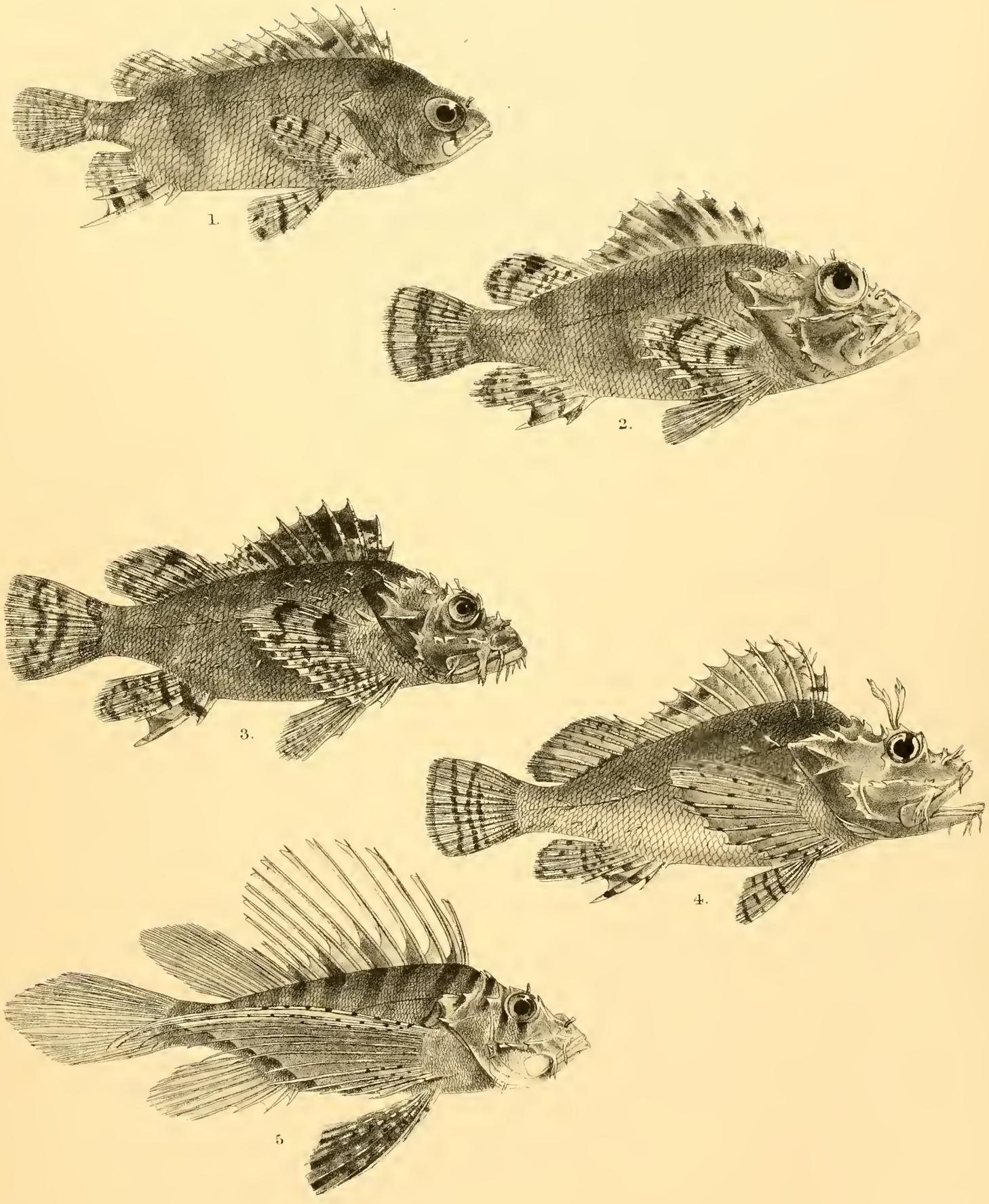

G.H.Ford del. R.Mintern lith. Mintern Bros. imp.

1, SEBASTES STOLICZKÆ. 2, SCORPÆNA HAPLODACTYLUS. 3, SCORPÆNOPSIS OXYCEPHALA.
4, S. ROSEA. 5, PTEROIS RUSSELLII.

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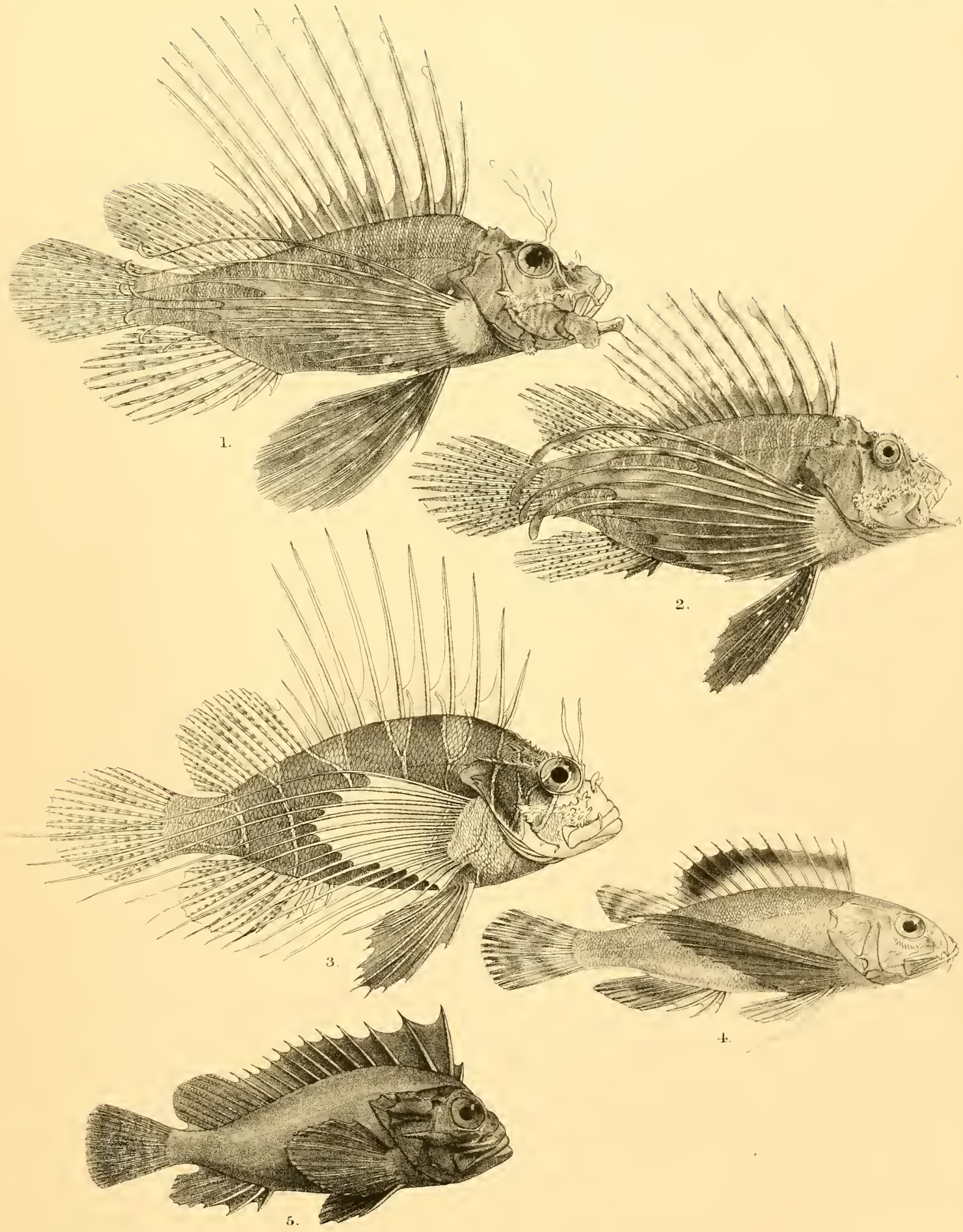

J.H.Ford del. F.Mintern lith. Mintern Bros. imp.

1, PTEROIS VOLITANS 2, P. MILES. 3, P. CINCTA 4, APISTUS CARINATUS
5, GYMNAPISTES NIGER.

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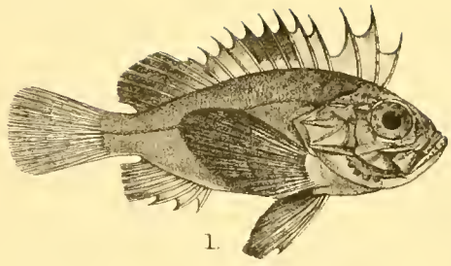

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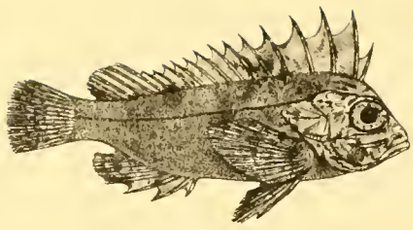

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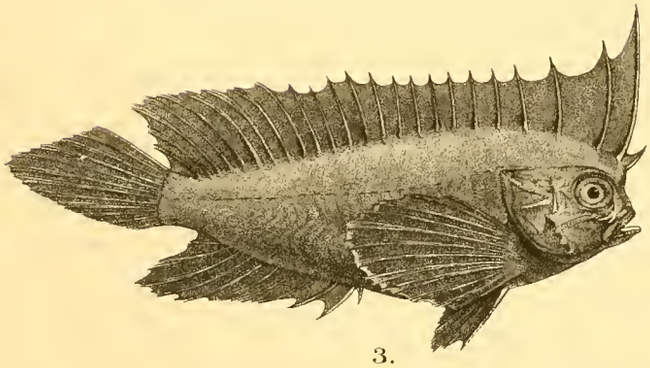

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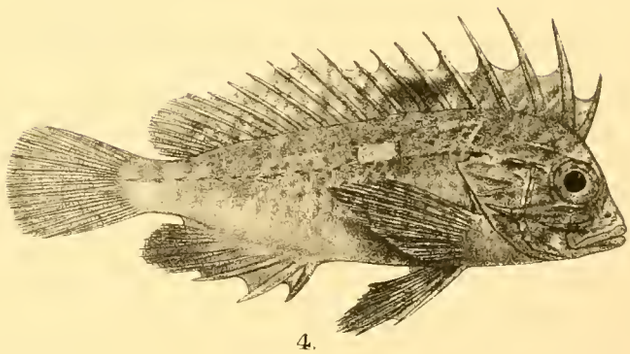

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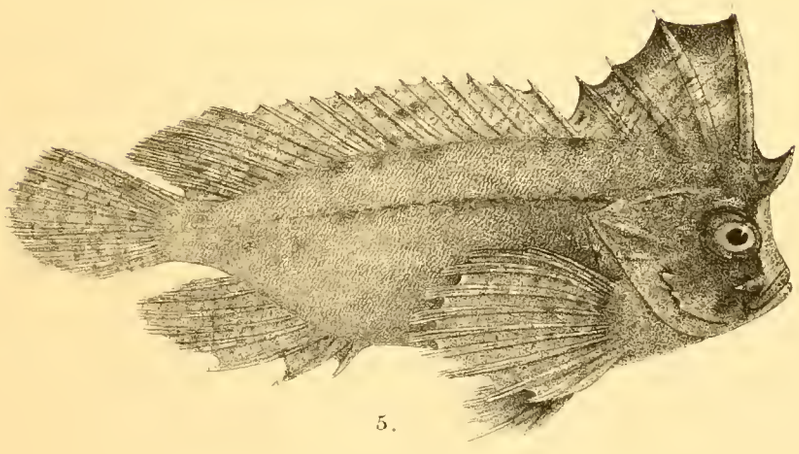

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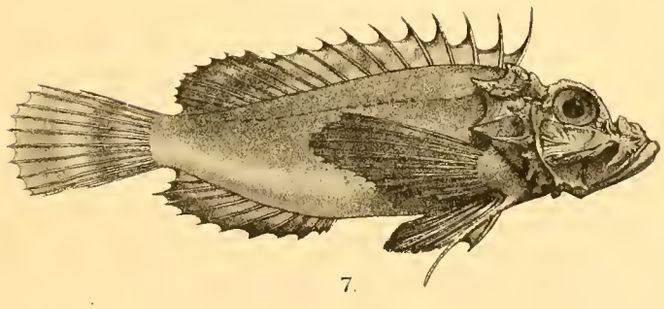

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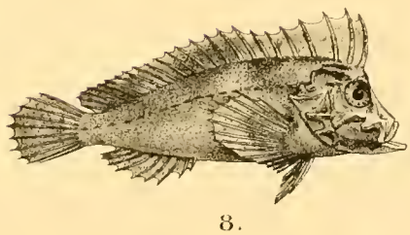

8.

G H Ford del R Mintern lith

Mintern Bros imp

1, GYMNAPISTUS DRACÆNA 2, CENTROPOGON INDICUS. 3, AMBLYAPISTUS MACRACANTHUS
4 A LONGISPINIS. 5, A. TÆNIANOTUS. 6, MICROPUS ZEYLONICUS. 7, MINOUS MONODACTYLUS.
8, COCOTROPUS ROSEUS.

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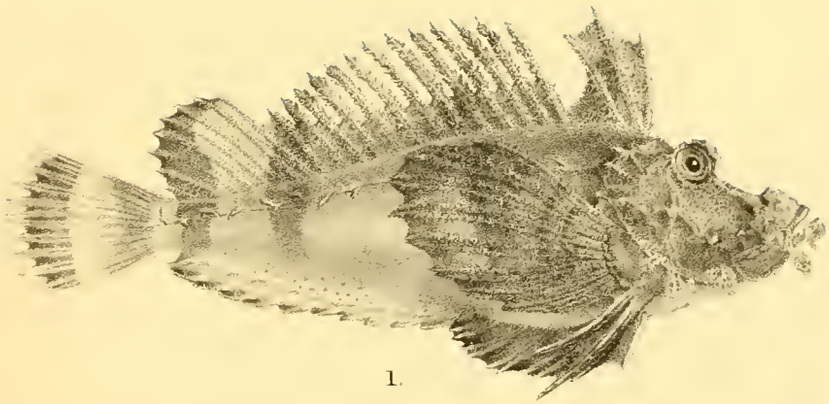

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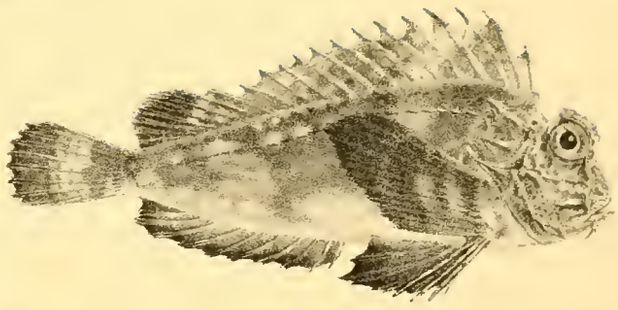

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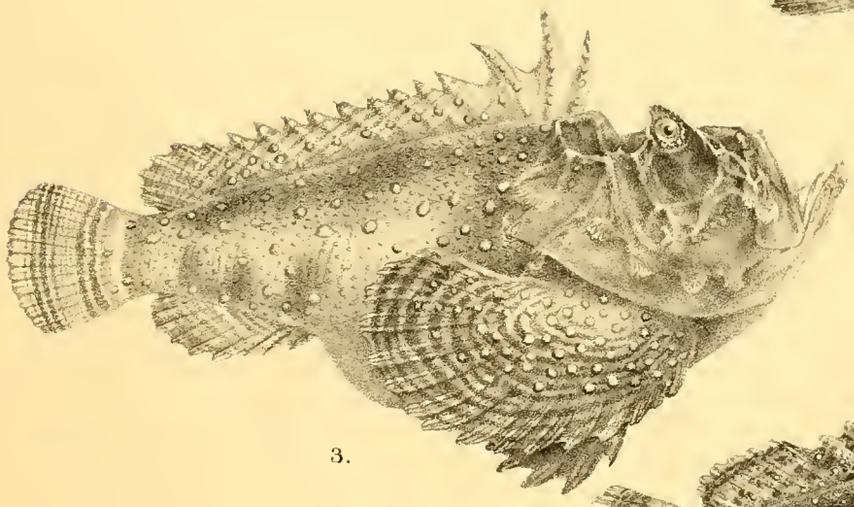

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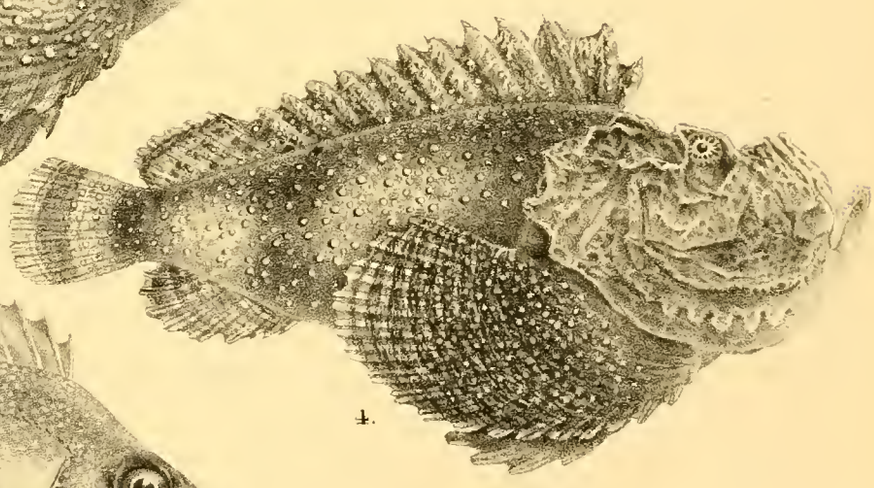

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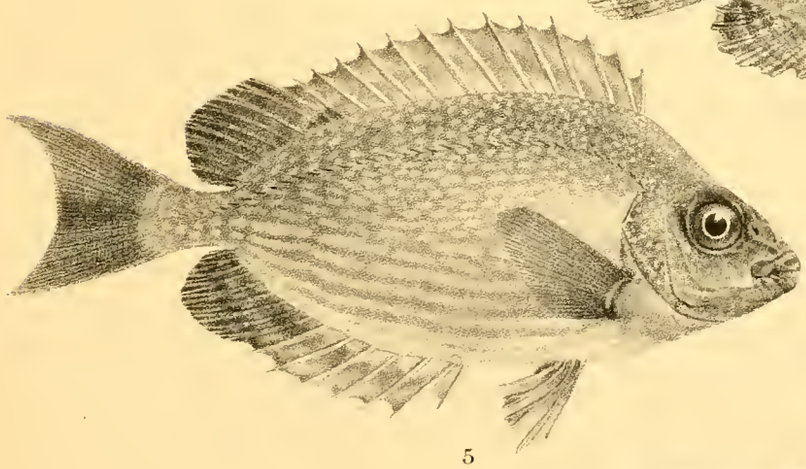

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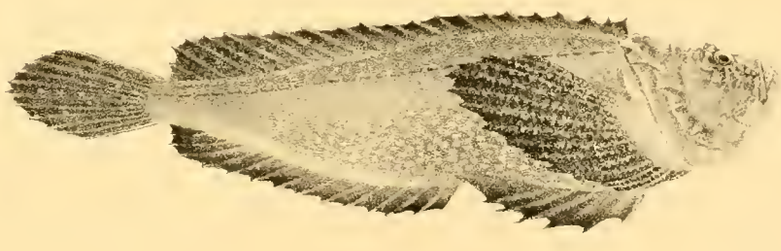

6.

G.H. Ford del. Suzim lith.

Mintern Bros. imp.

1, PELOR DIDACTYLUM. 2, CHORIDACTYLUS MULTIBARBIS. 3, SYNANCIDIUM HORRIDUM
4, SYNANCEIA VERRUCOSA. 5, TEUTHIS JAVA. 6, POLYCAULIS URANOSCOPUS.

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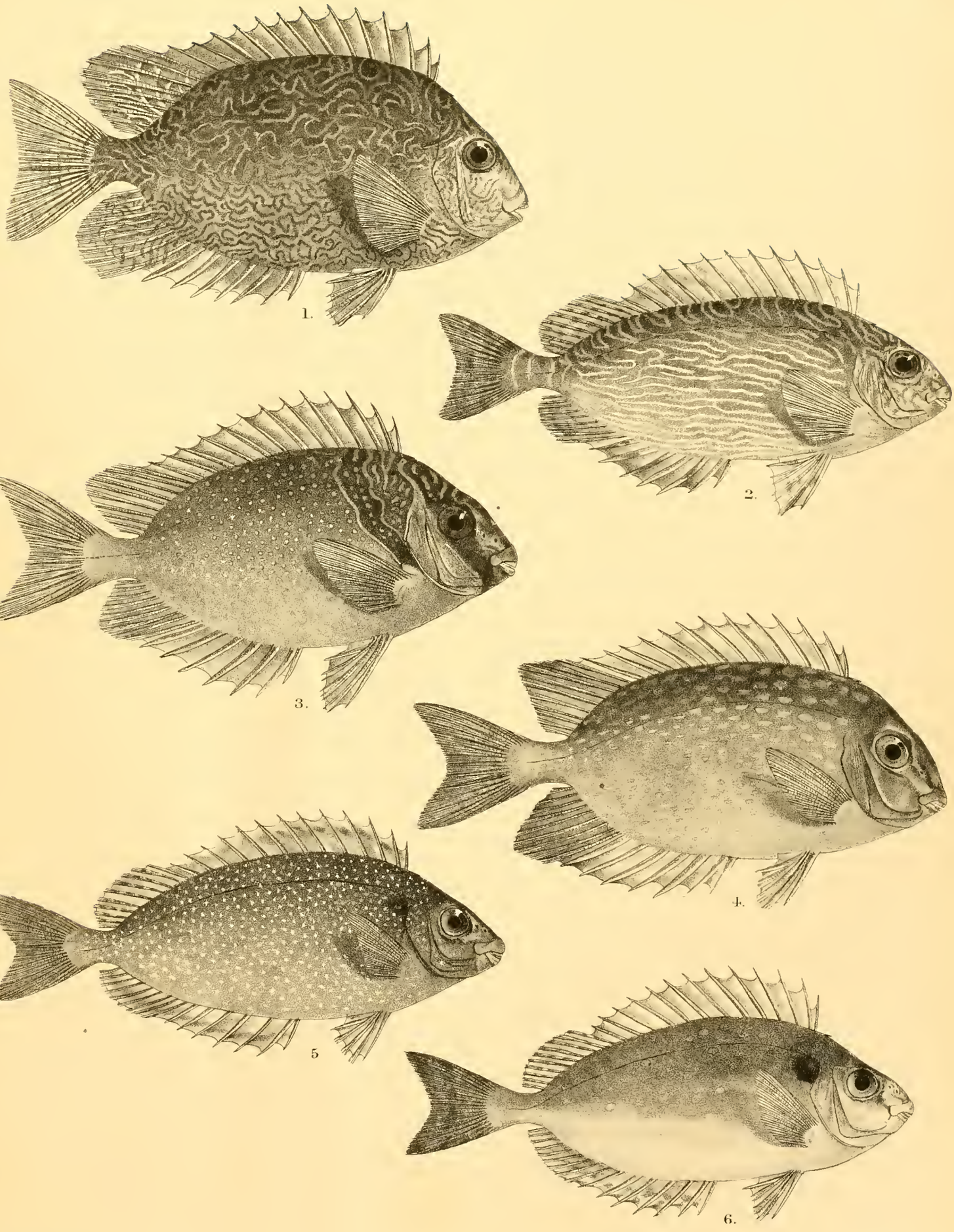

G.H Ford del R Mintern lith

Mintern Bros imp.

1, TEUTHIS VERMICULATA. 2, T. MARMORATA. 3, T. VIRGATA 4, T CONCATENATA
5, T. MARGARITIFERA 6, T ORAMIN

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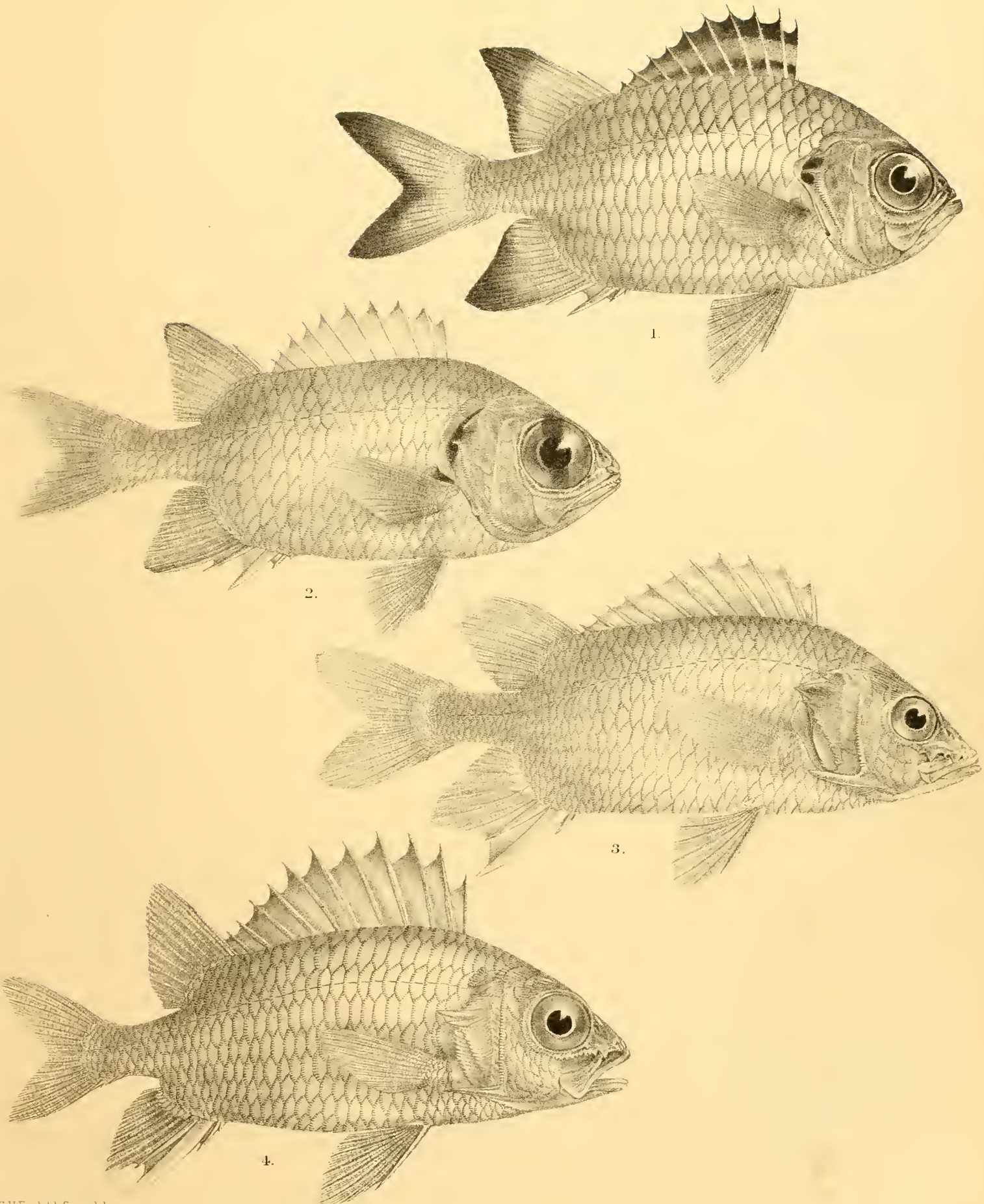

G H Ford del Suzuki lith

Mintern Bros imp

1 MYRIPRISTIS BOTCHE 2 M MURDJAN 3 HOLOCENTRUM ANDAMANENSE. 4 H RUBRUM.

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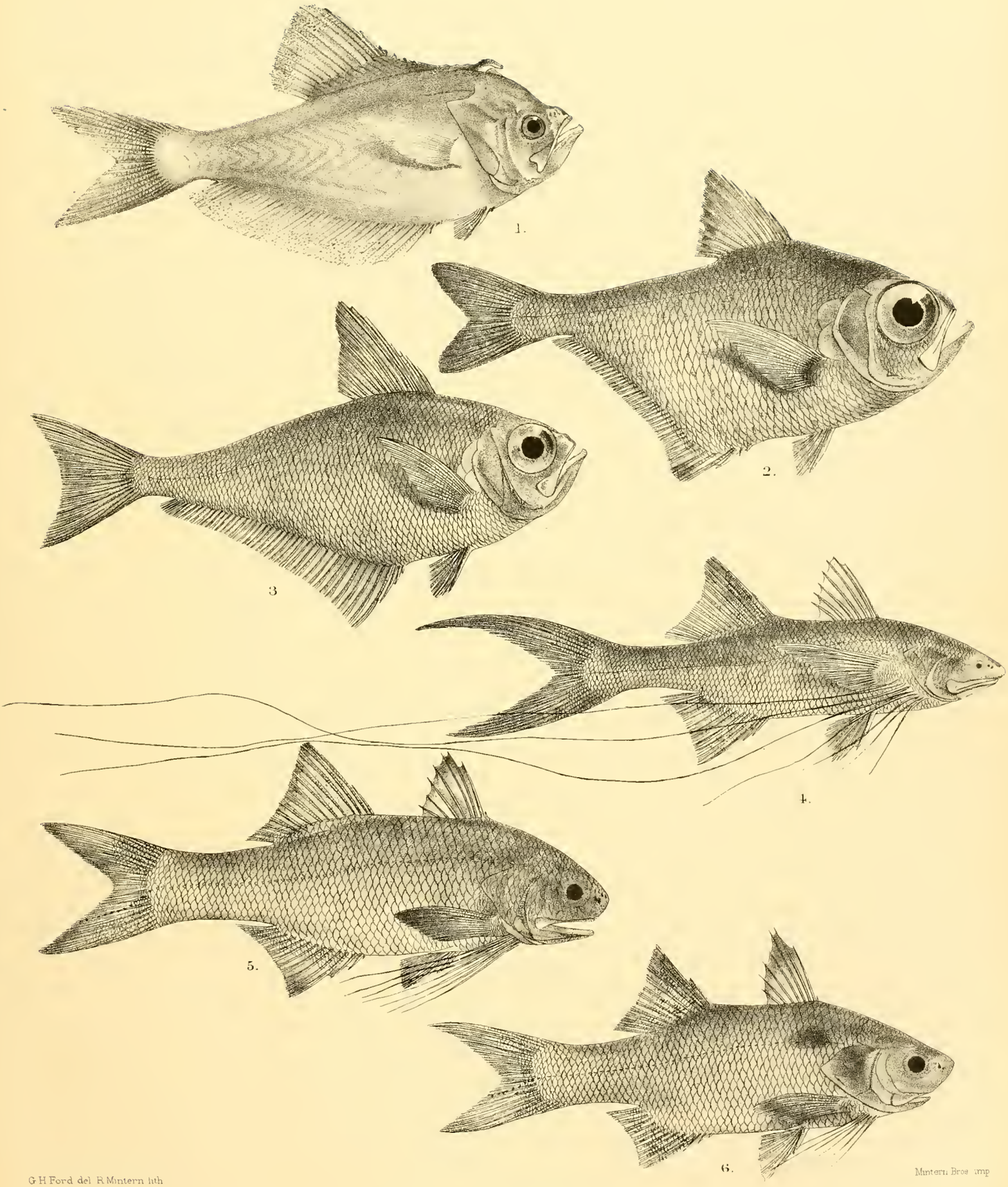

G H Ford del R Mintern lith

Mintern Bros imp

1. KURTUS INDICUS (MALE)
2. PEMPHERIS MOLUCCA
3. P. MANGULA.
4. POLYNEMUS PARADISEUS.
5. P. HEPTADACTYLUS.
6. P. SEXTARIUS.

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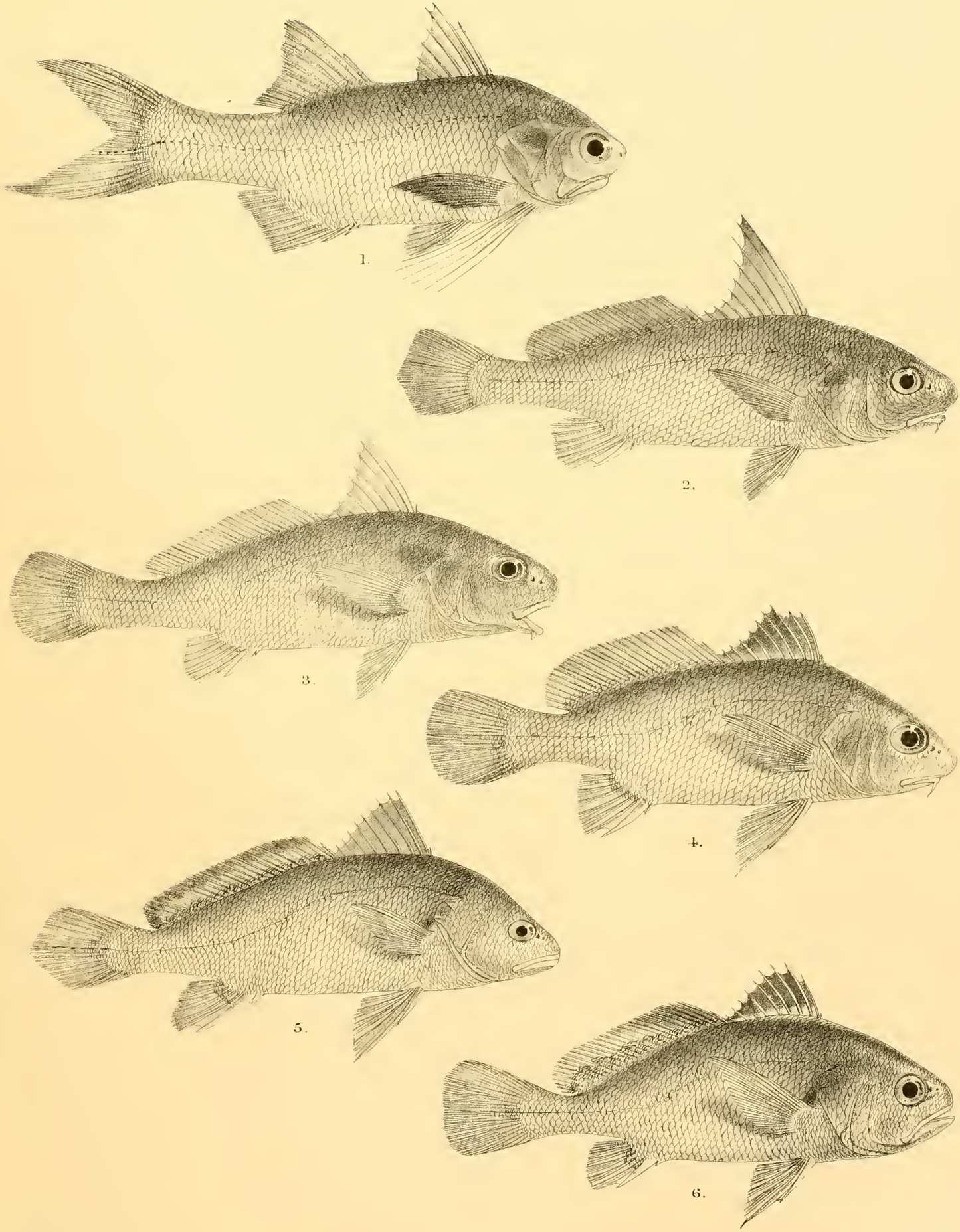

G.H. Ford del. R. Mintern lith.

Mintern Bros. imp.

1. POLYNEMUS SEXFILIS. 2 & 3. UMBRINA DUSSUMIERI. 4. U. RUSSELLII.
5. SCIÆNA MILES. 6. S. AXILLARIS.

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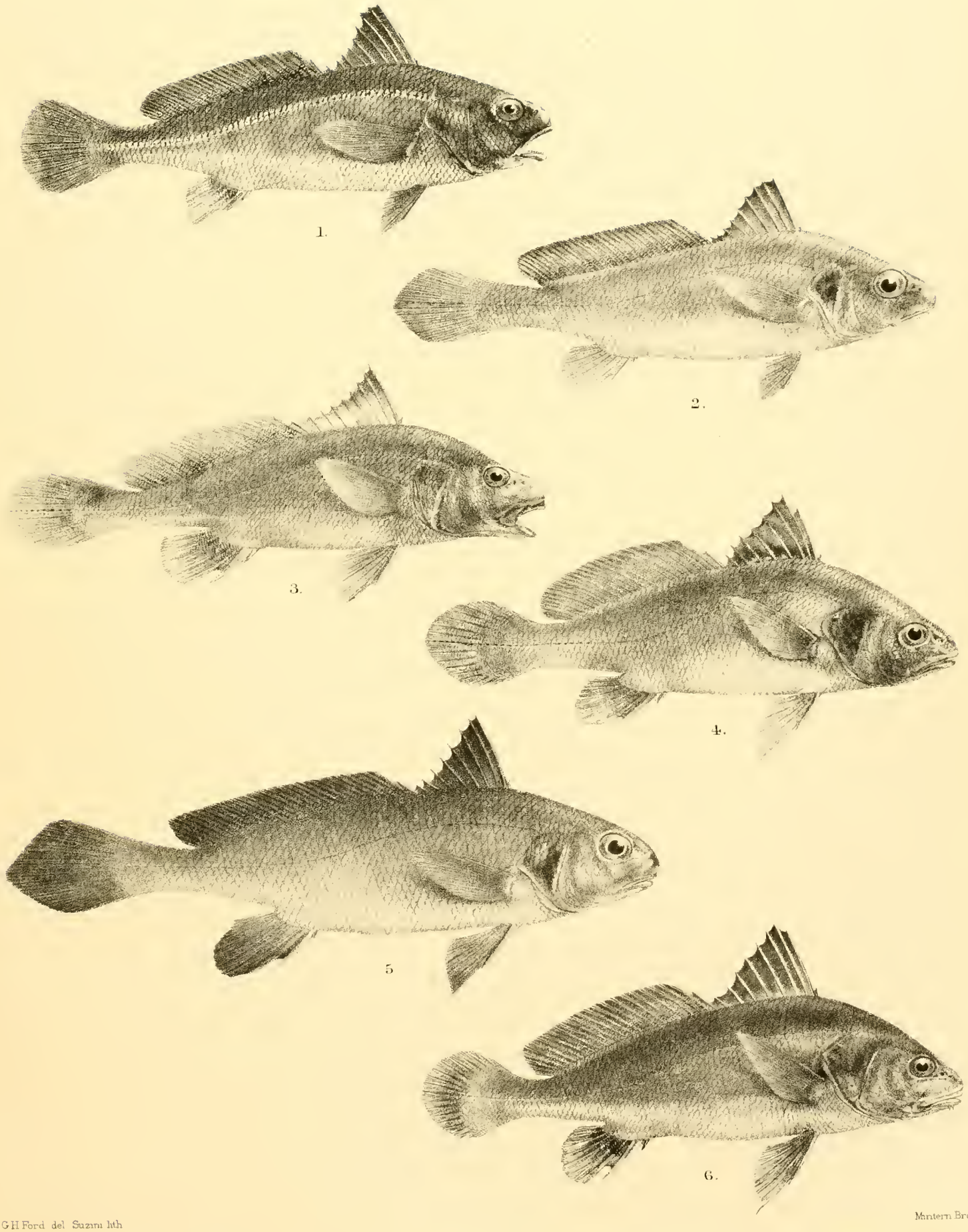

G H Ford del Suzuki lith

Mintern Bros imp

1 SCIÆNA CARUTTA 2 S SINA 3 S. COITOR. 4. & 6. S ALBIDA. 5 S BELENGERI.

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HAR ITY
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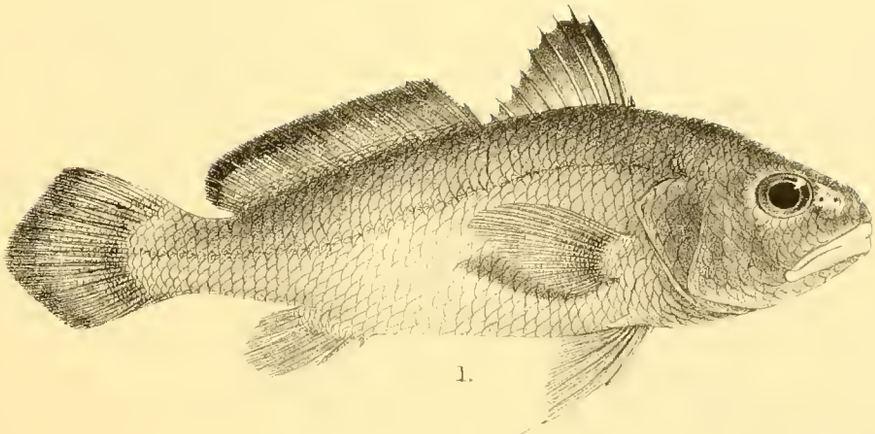

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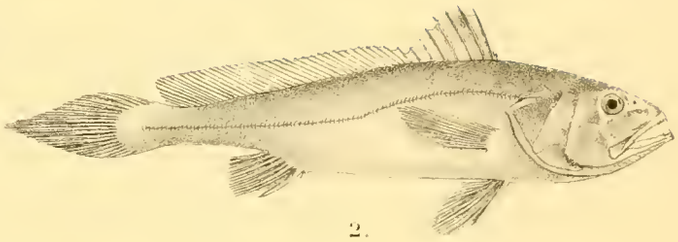

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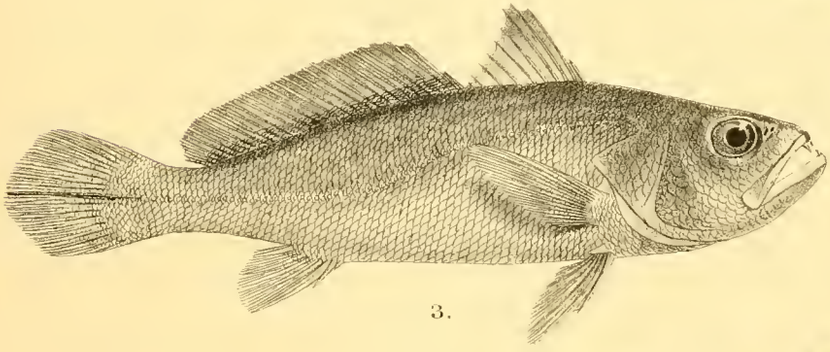

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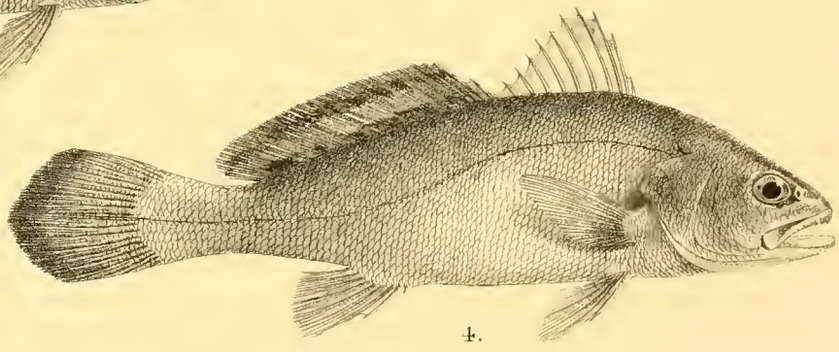

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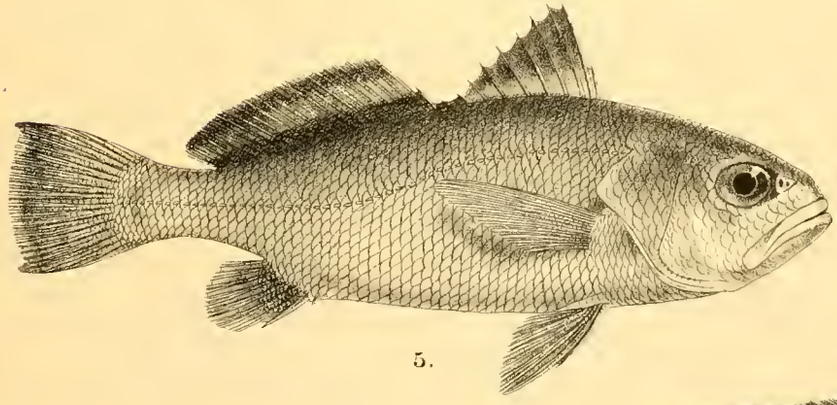

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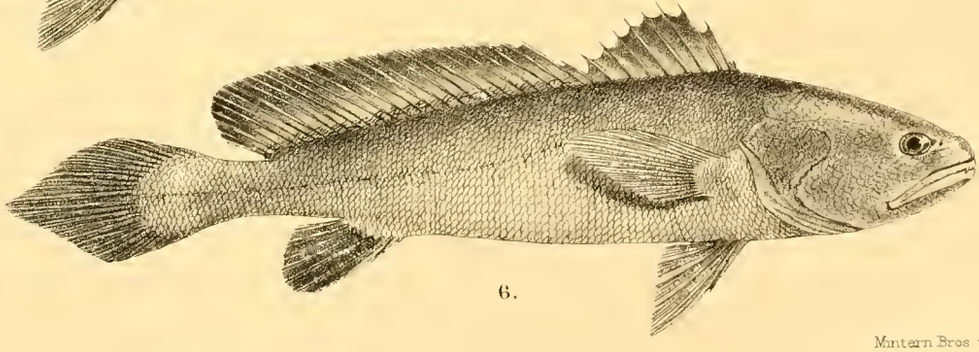

6.

G H.Ford del R Mintern lith

Mintern Bros imp

1 SCLÆNA VOGLERI 2 SCLÆNOIDES MICRODON 3 OTOLITHUS ARGENTEUS
4 SCIÆNA BLEEKERI 5 S ANEUS. 6 SCLÆNOIDES BRUNNEUS.

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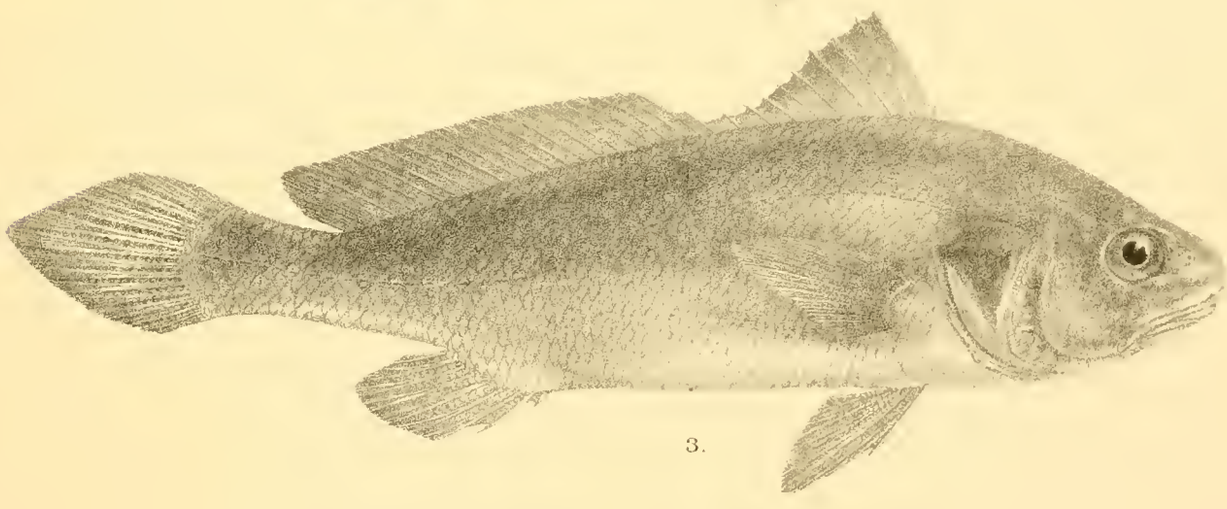
1.

2.



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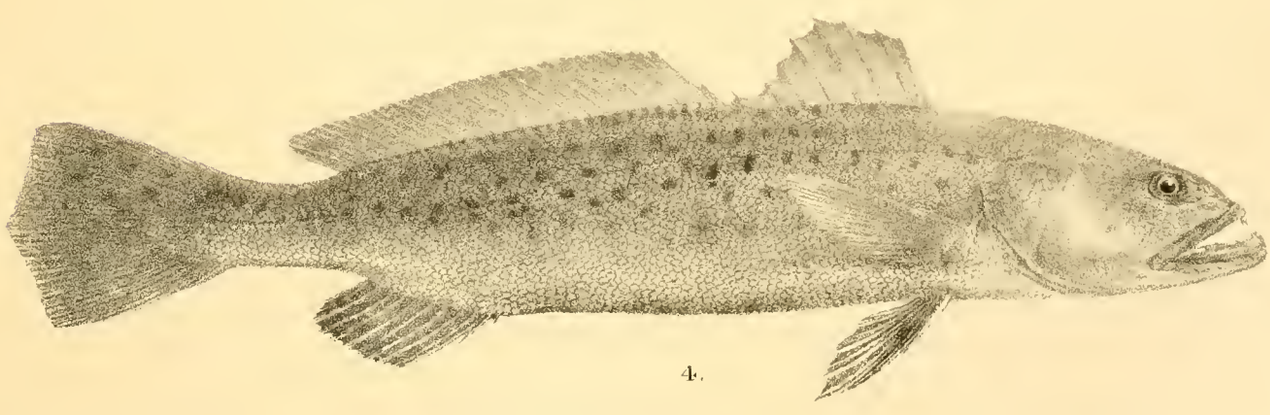

4.

G H Ford del Suzim lith

Mintern Bros imp

1. UMBRINA SINUATA 2. SCIÆNA CLAUCUS. 3. S. OSSEUS. 4. OTOLITHUS MACULATUS.

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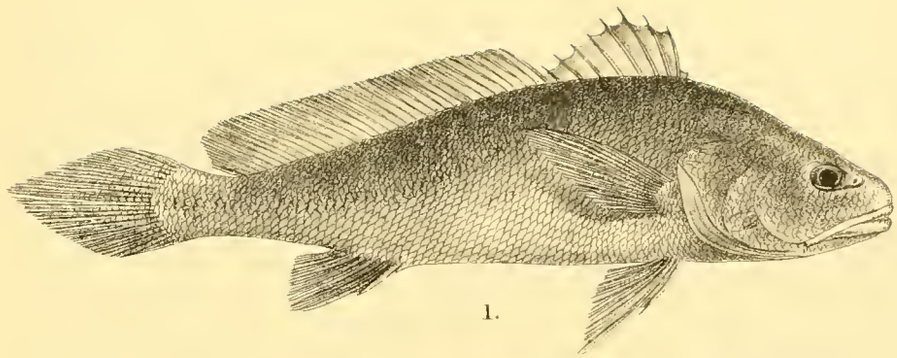

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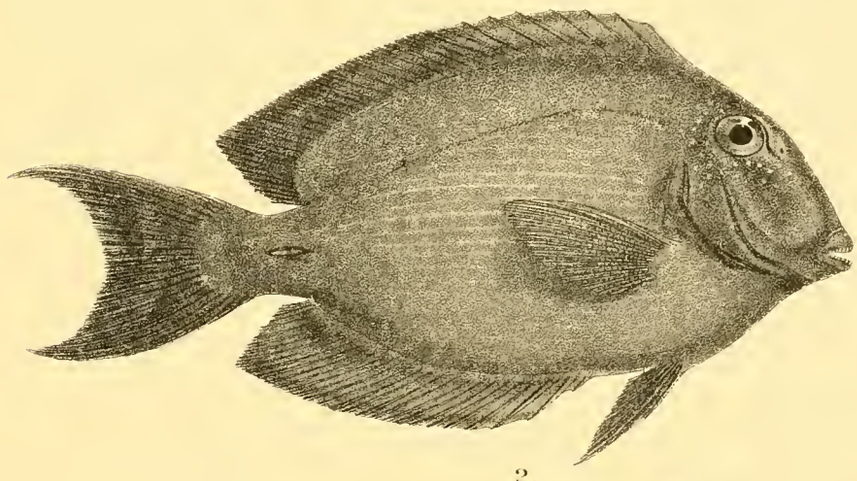

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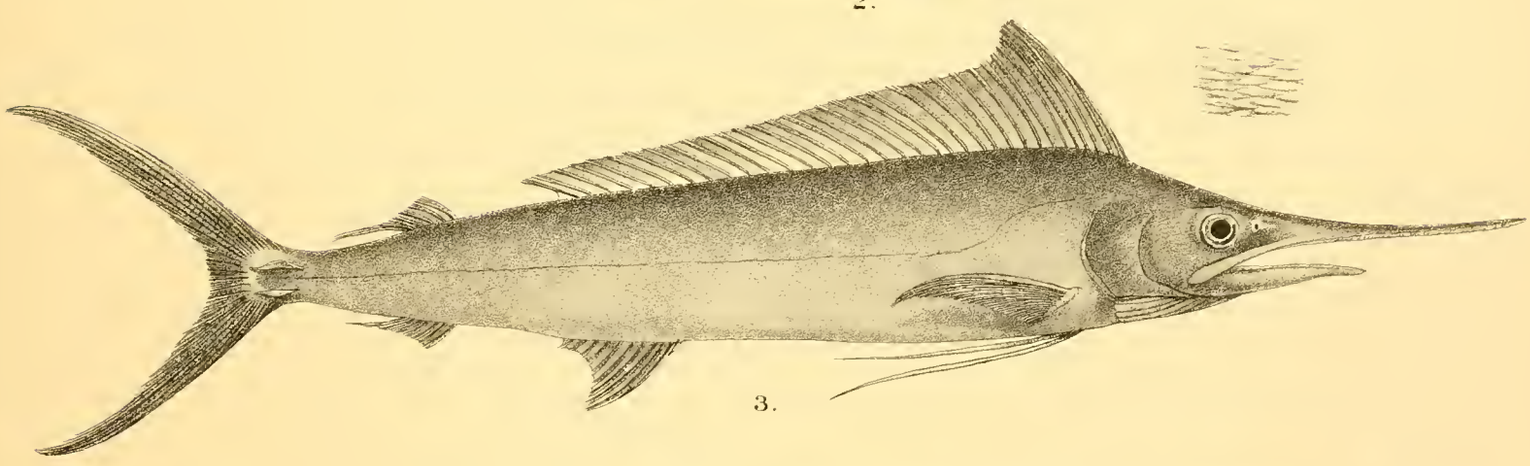

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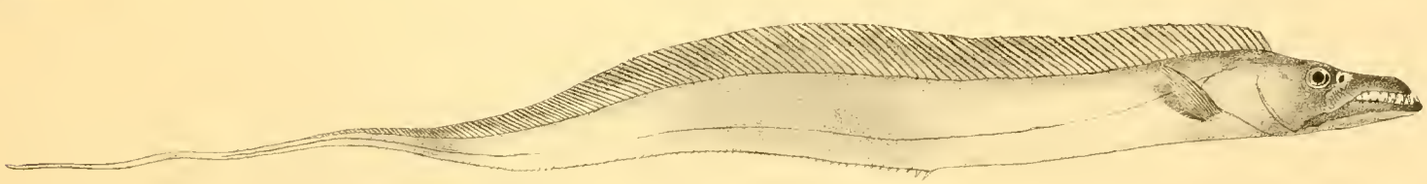

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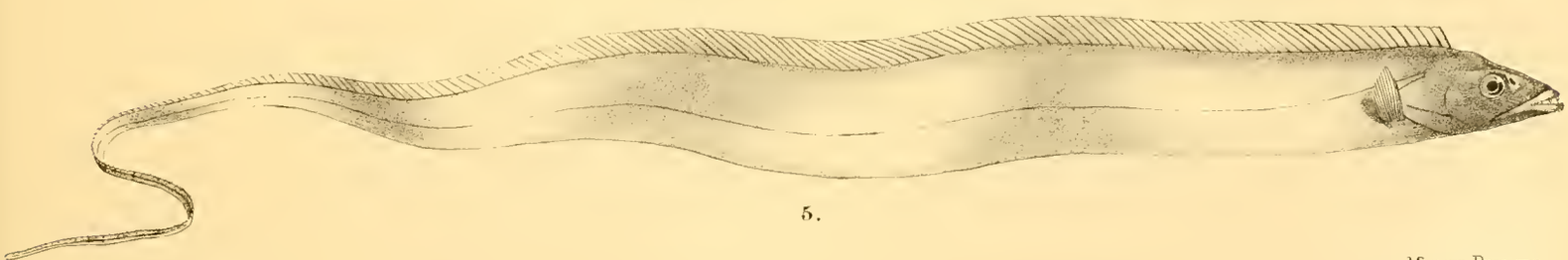

5.

G H Ford del R Mintern lith

Mintern Bros imp

1 SCLÆNOIDES BIAURITUS. 2. ACANTHURUS STRIGOSUS. 3. HISTIOPHORUS BREVIROSTRIS.
4 TRICHIURUS SAVALA 5 T MUTICUS

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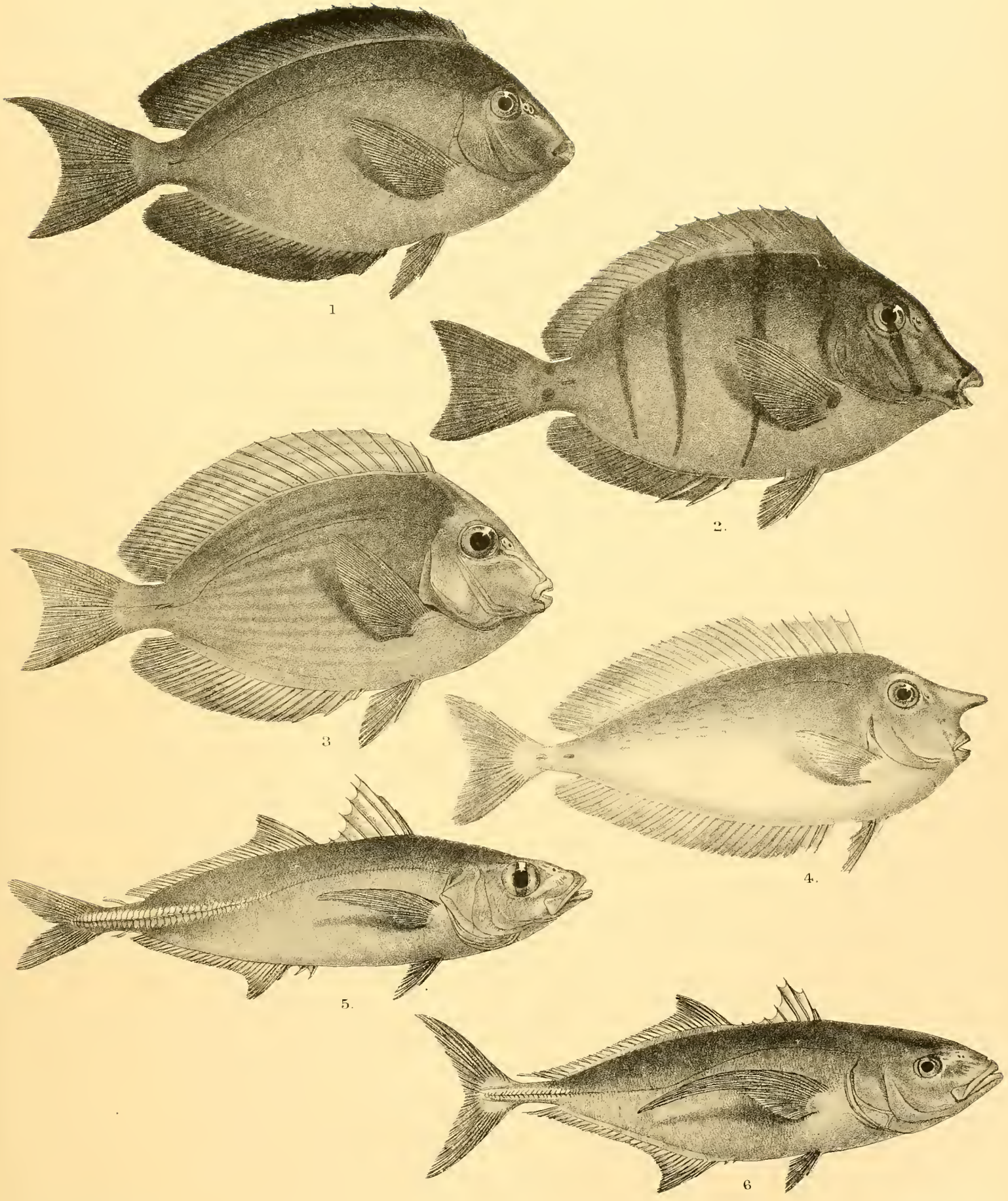

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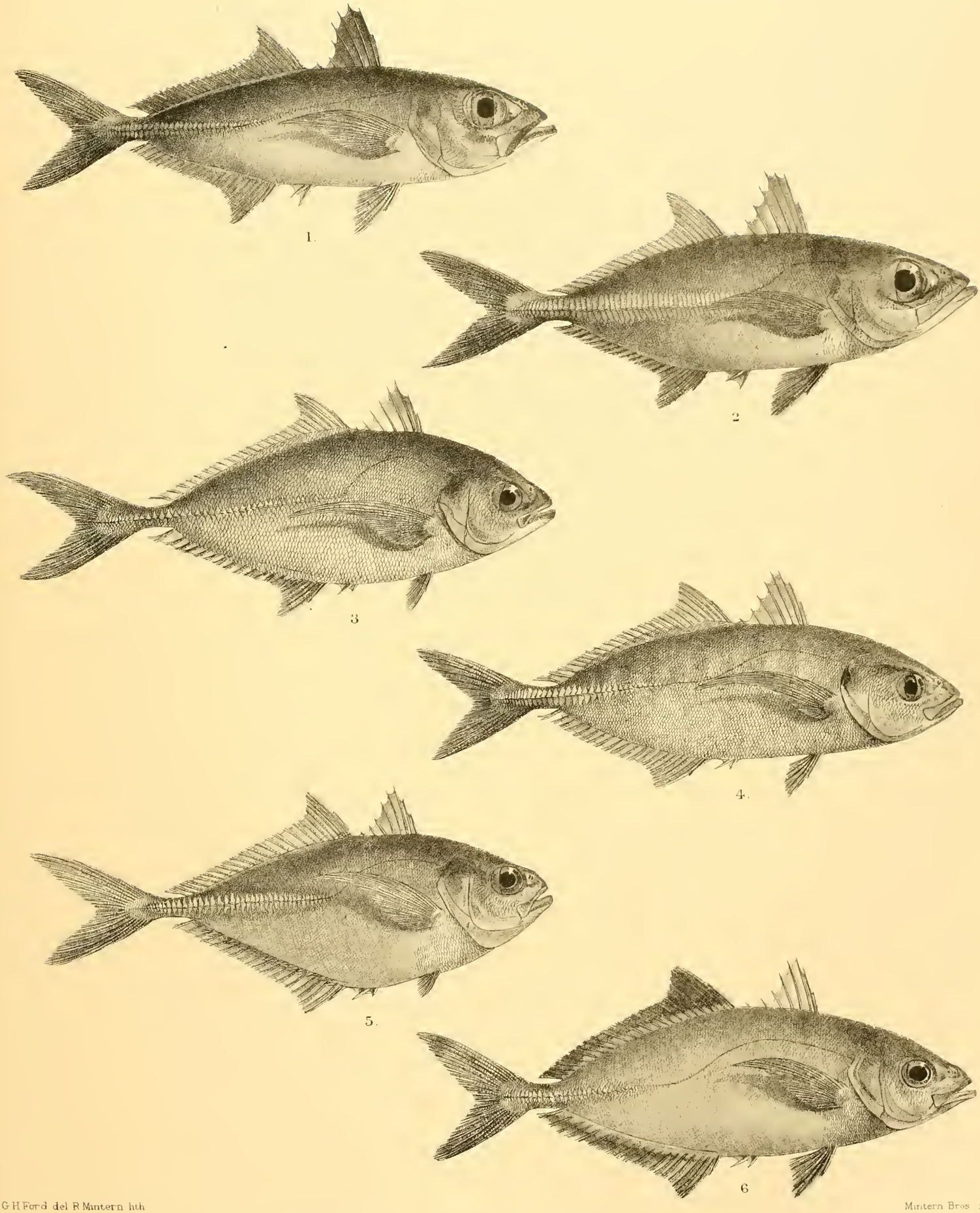
6

G H Ford del. R Muntern lith

Muntern Bros imp

ACANTHURUS MATA 2. A. TRIOSTEGUS 3. A. AUREOLINEATUS 4. NASEUS BREVIROSTRIS.
5. CARANX KURRA 6. C. GYMNOSTETHOIDES

Y
HA ITY
CA USA



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G H Ford del R Mintern lith

Mintern Bros imp

1. CARANX CRUMENOPHTHALMUS 2. C. BOOPS 3. C. DJEDDABA 4. C. AFFINIS.
5. C. KALLA 6. C. IRE.

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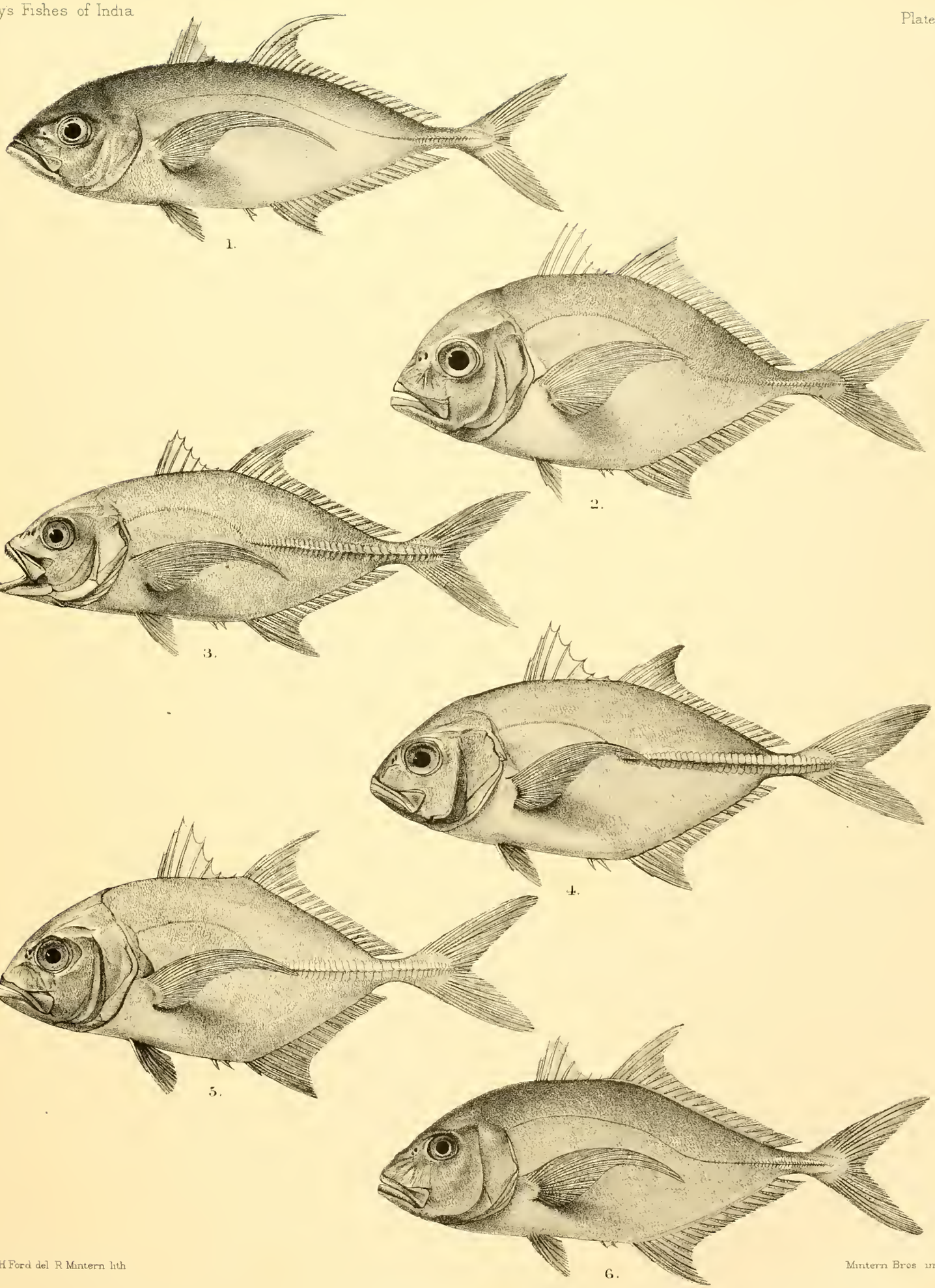
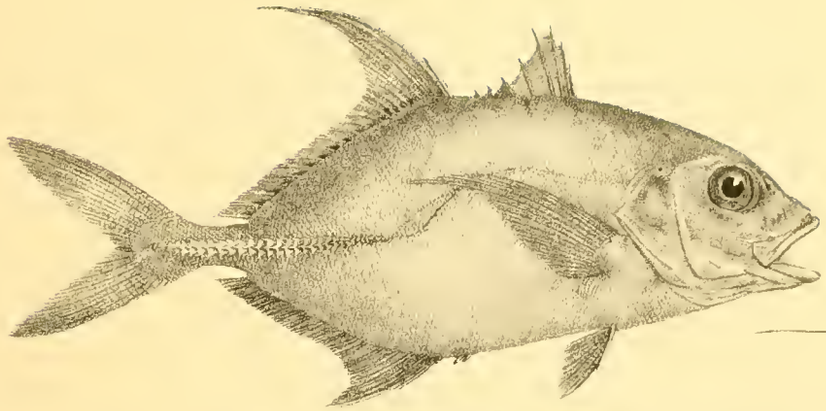


G H Ford del R Mintern lith

Mintern Bros imp

1 CARANX COMPRESSUS. 2 C. MALABARICUS 3. C. MELAMPYGUS 4 C. CARANGUS.
5 C. SAUSUN 6 C NIGRESCENS

HA[illegible]ITY
C[illegible] USA



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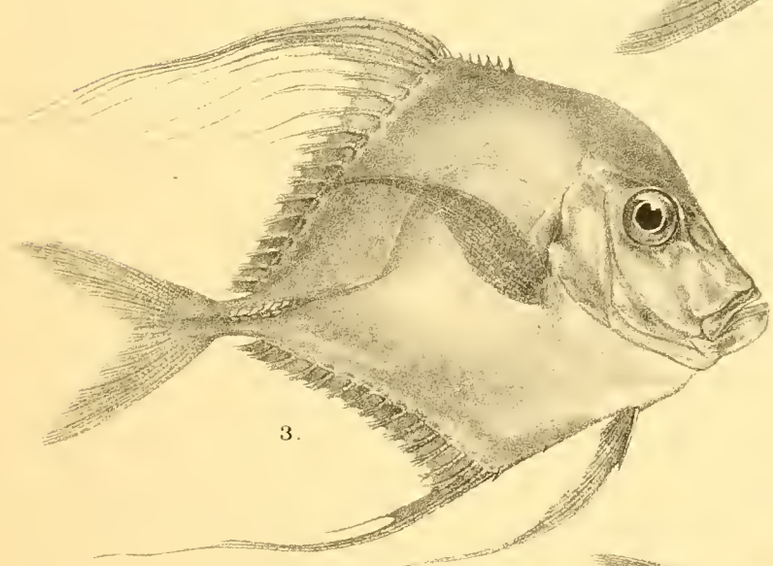

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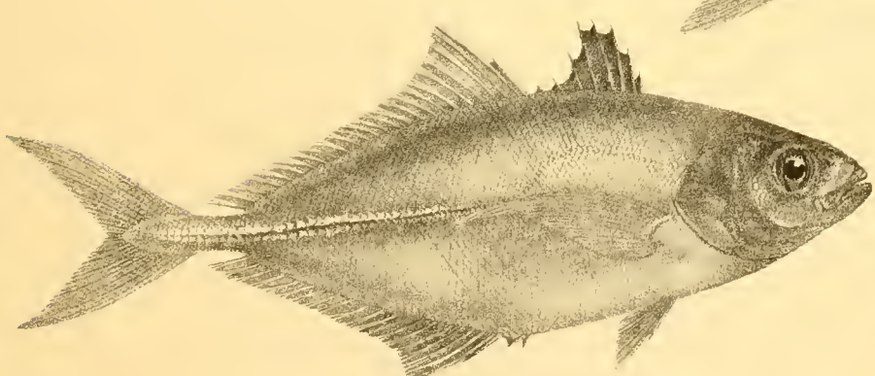

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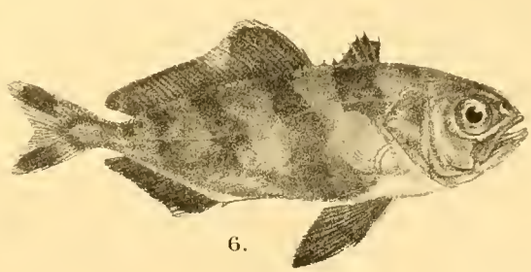

6.

G H Ford del Suzim lith

Mintern Bros imp

1. CARANX OBLONGUS. 2. C. ARMATUS. 3. C. GALLUS. 4. C. LEPTOLEPIS.
5. C. NIGRIPINNIS. 6. SERIOLA NIGRO - FASCIATA.

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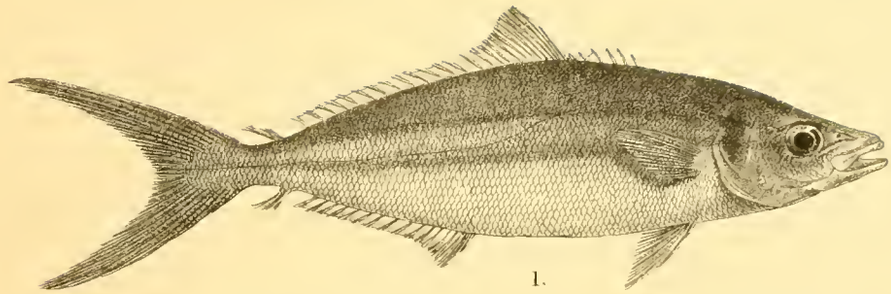
CAMBRIDGE, USA



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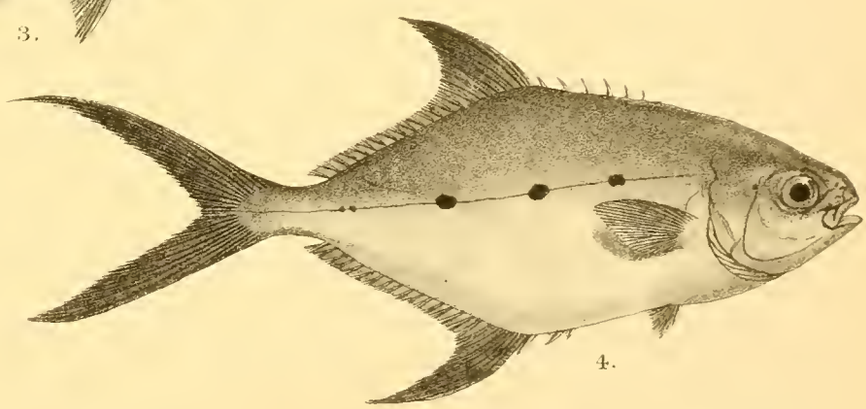

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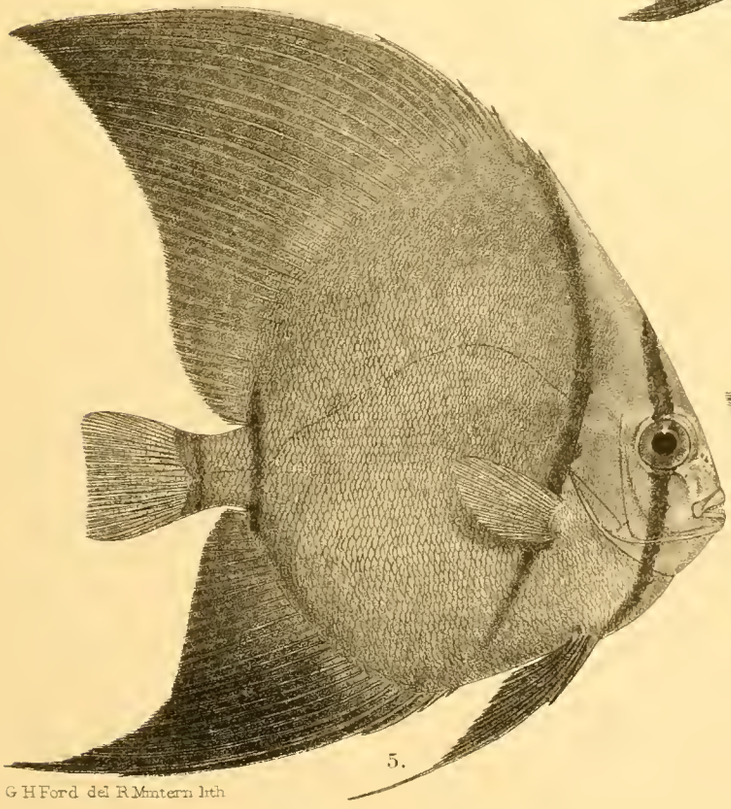

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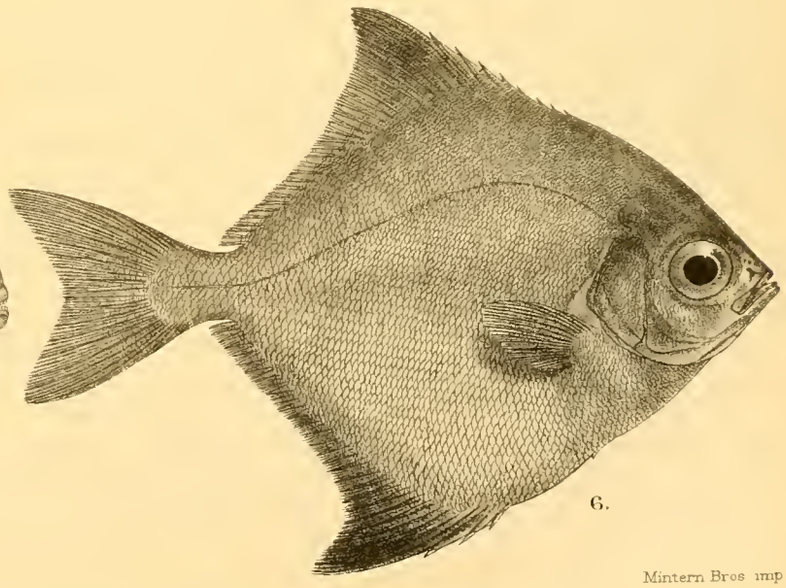


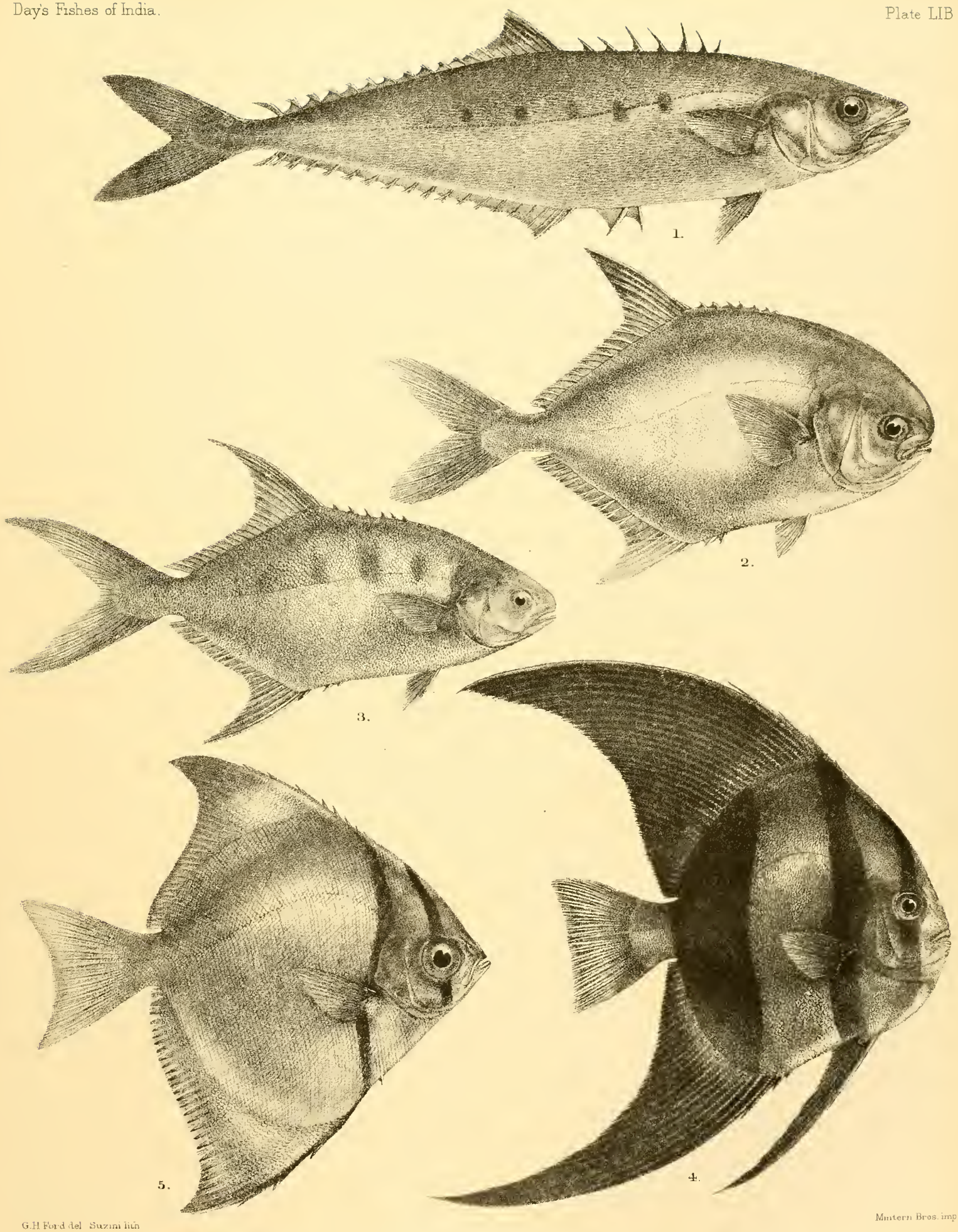
6.

G H Ford del R Mintern lith

Mintern Bros imp

1, SERIOLICHTHYS BIPINNULATUS 2, NAUCRATES DUCTOR. 3, CHORINEMUS TOLOO
4, TRACHYNOTUS BAILLONI 5 PLATAX VESPERTILIO. 6, PSETTUS FALCIFORMIS

HARVARD UNIVERSITY
CAMBRIDGE MA USA

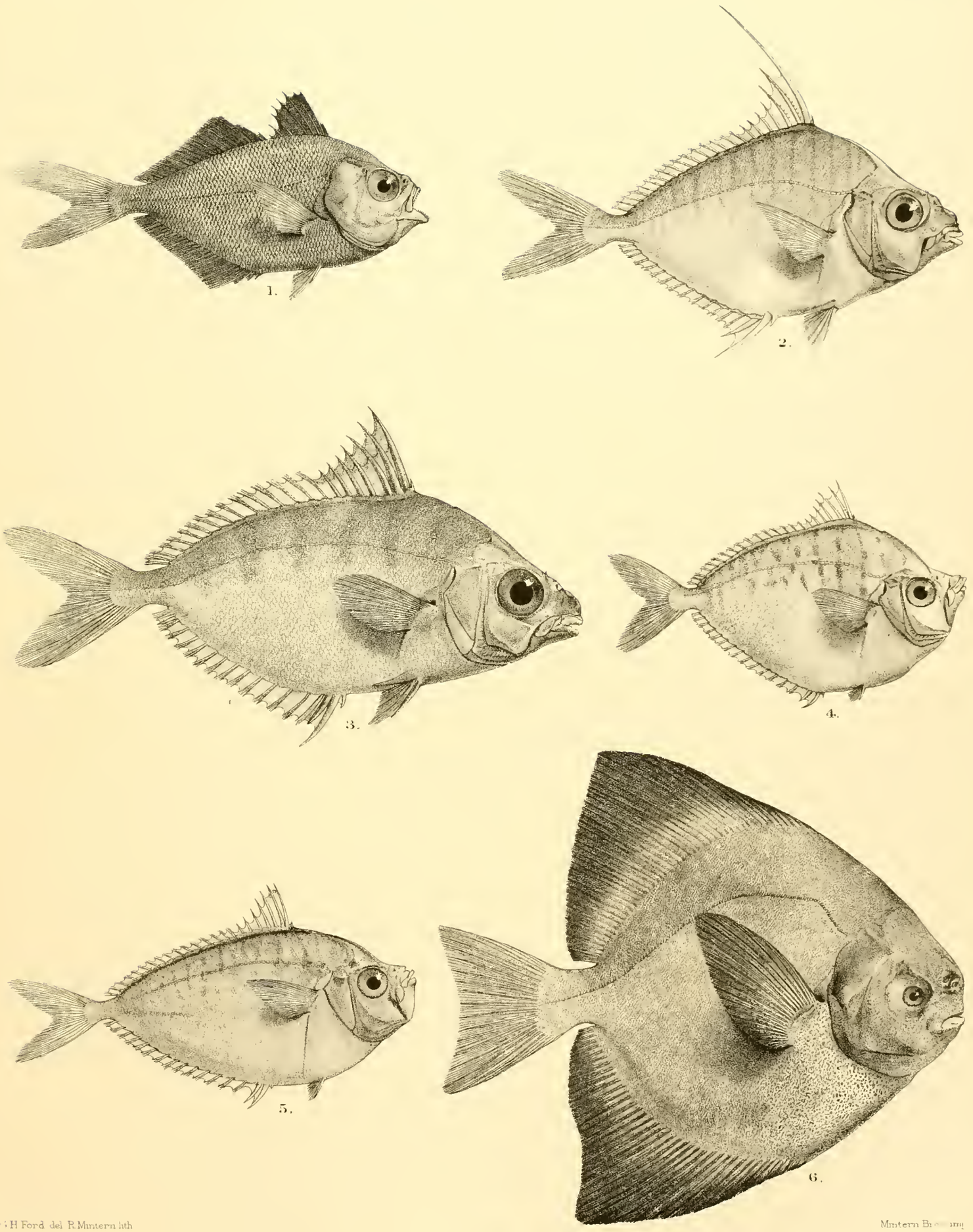


G.H.Ford del. Suzuni lith.

Mintern Bros. imp.

1, CHORINEMUS MOADETTA. 2. TRACHYNOTUS OVATUS. 3, T. RUSSELLII 4, PLATAX TEIRA
5, PSETTUS ARGENTEUS.

RY
RSITY
A USA



G H Ford del. R Mintern lith

Mintern Bros imp

1, PSENES JAVANICUS. 2, EQUULA FASCIATA 3, E LINEOLATA 4, E RUCONIUS
5, E INSIDIATRIX 6, STROMATEUS SINENSIS.

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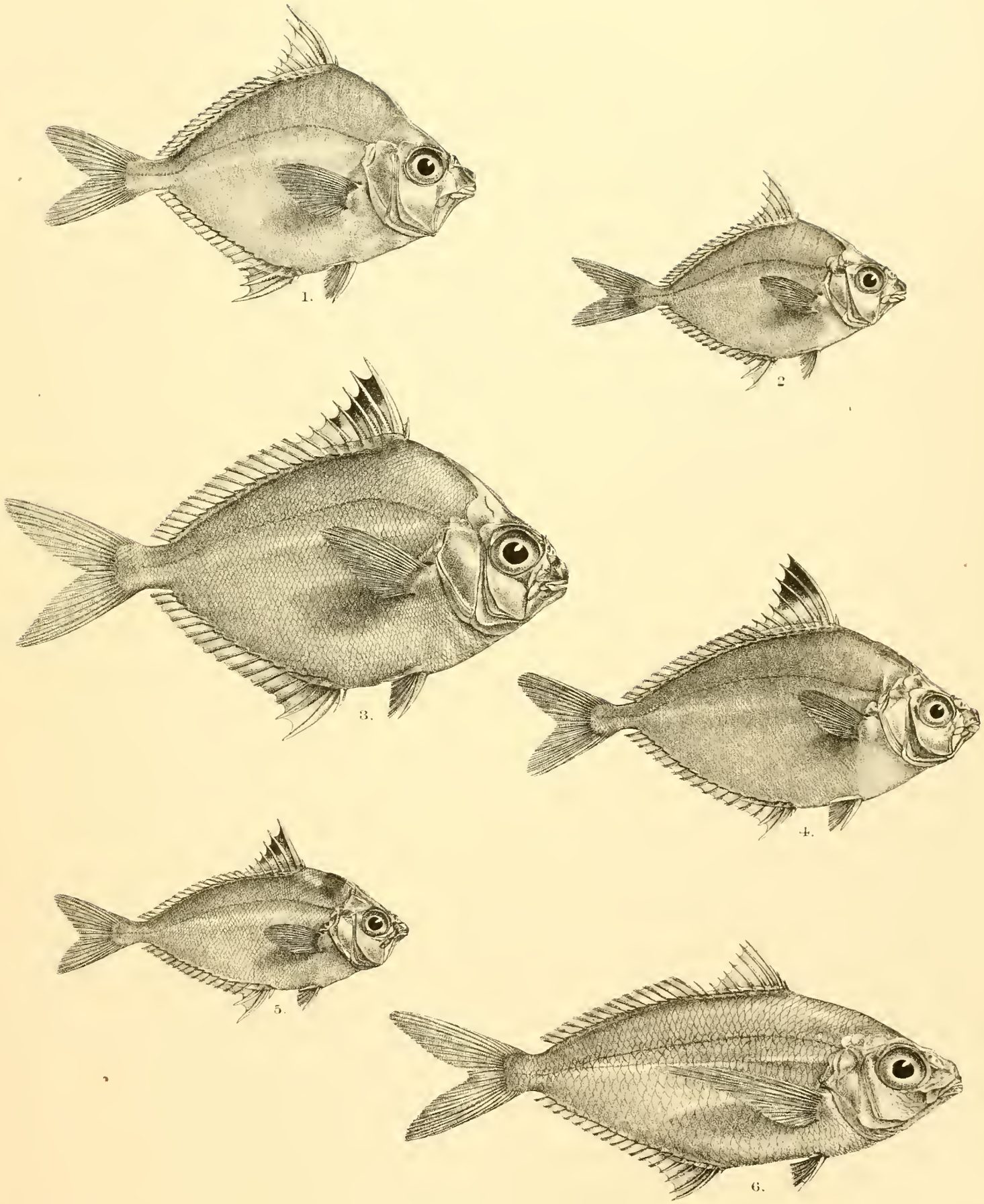

G H Ford del J R King lith

Mintern Bros imp

1, EQUULA EDENTULA 2, E DUSSUMIERI 3, E. SPLENDEUS. 4, E DAURA
5, E BLOCHII. 6, PENTAPRION LONGIMANUS

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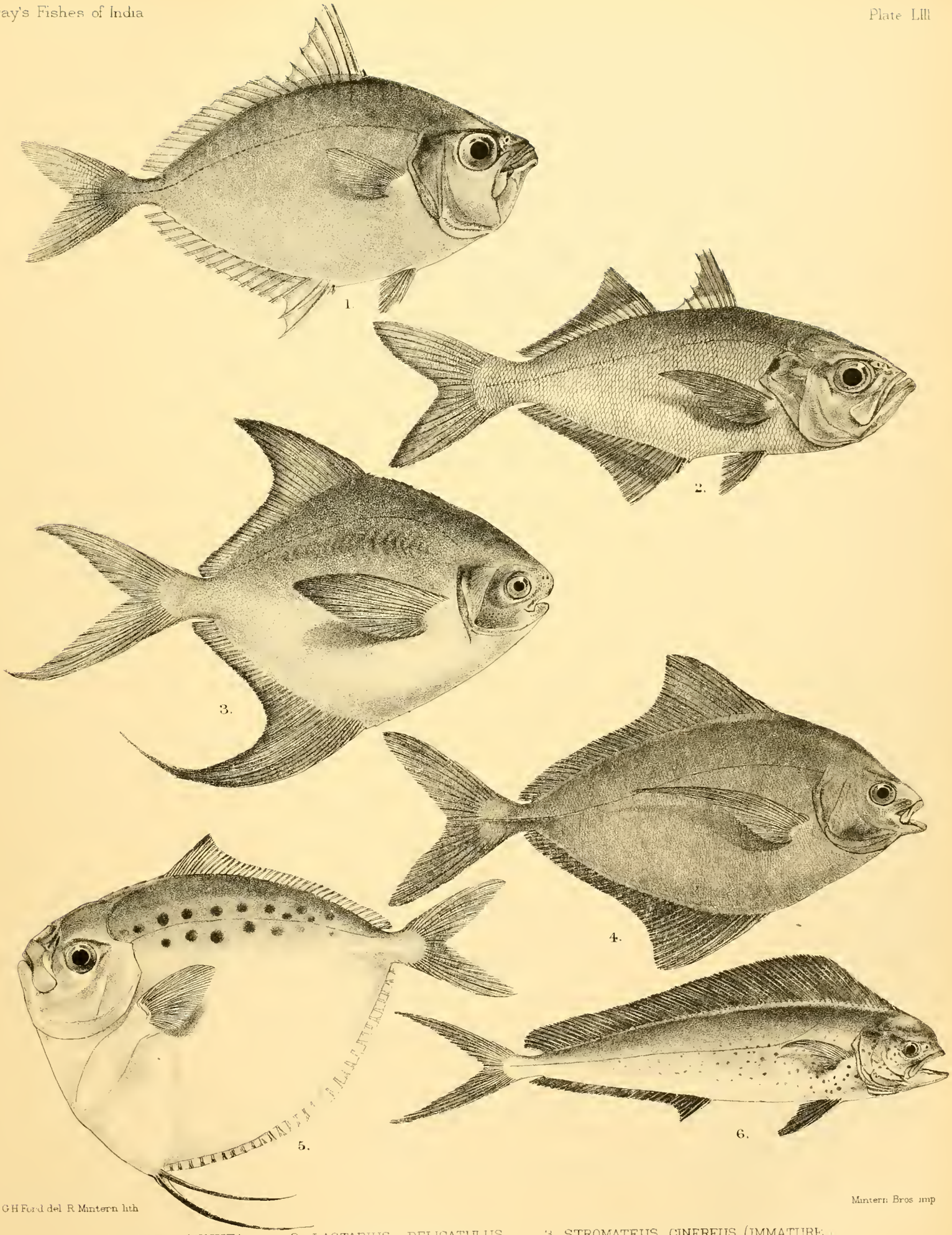
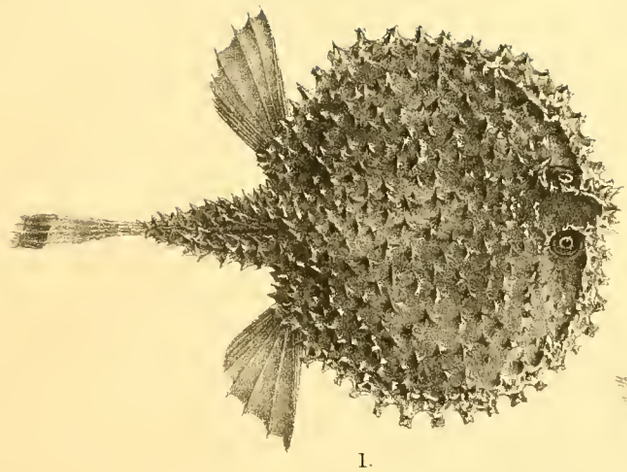


G H Ford del R Mintern lith

Mintern Bros imp

1. GAZZA MINUTA 2. LACTARIUS DELICATULUS 3. STROMATEUS CINEREUS (IMMATURE)
4. S NIGER 5. MENE MACULATA 6. CORYPHÆNA HIPPURUS

Y
ERSITY
MA USA



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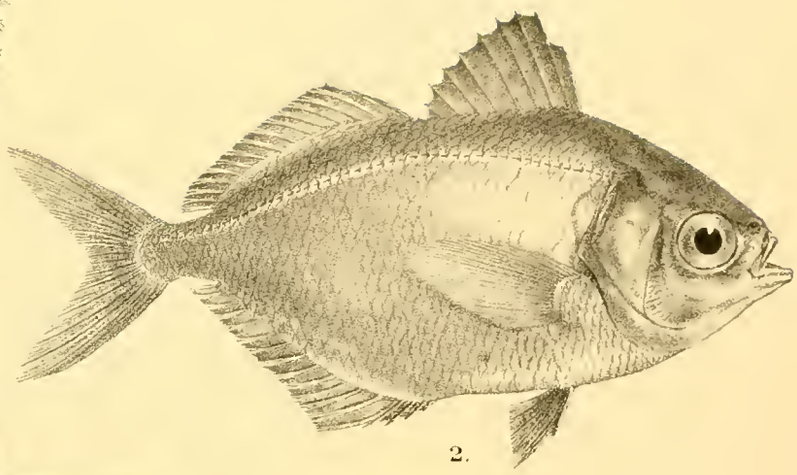

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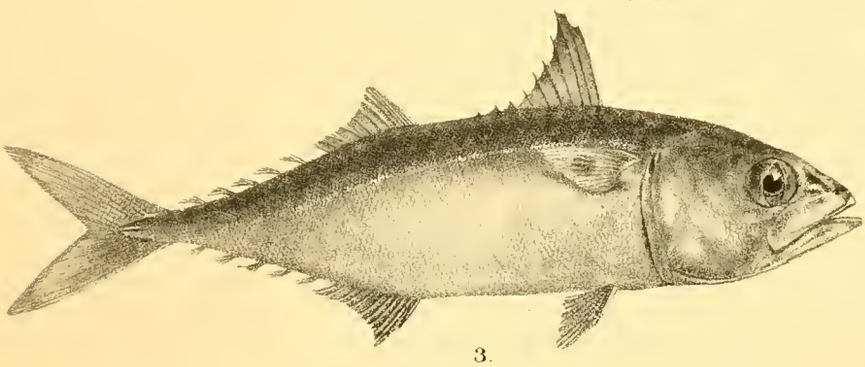

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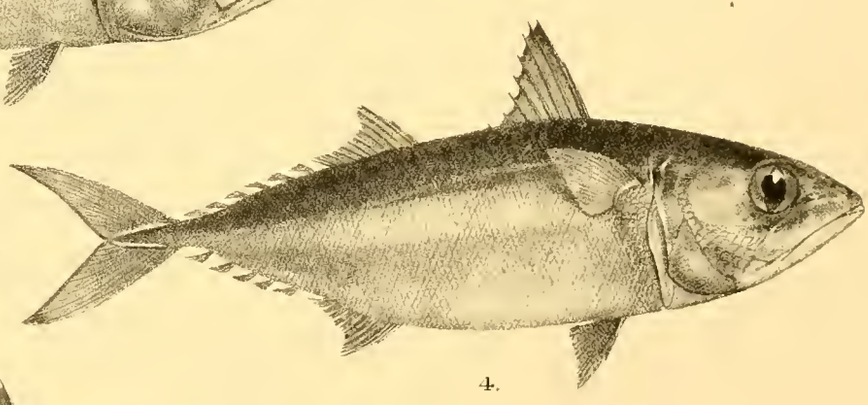

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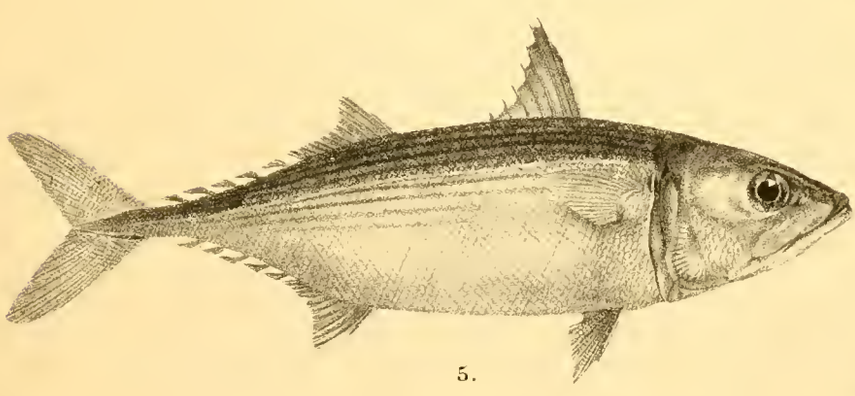

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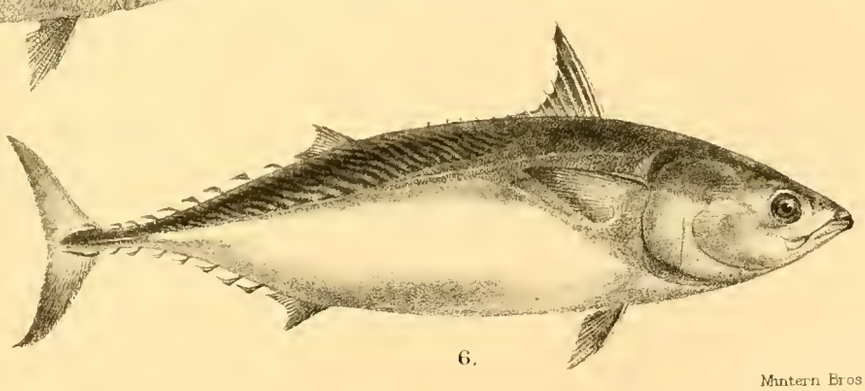

6.

G.H.Ford del. Suzini lith.

Muntern Bros. imp.

1, HALIEUTÆA STELLATA. 2, PSENES INDICUS. 3, SCOMBER MICROLEPIDOTUS (YOUNG)
4, S. MICROLEPIDOTUS (MIDDLE AGE). 5, S MICROLEPIDOTUS (ADULT). 6, THYNNUS THUNNINA.

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CAM[illegible]MA USA

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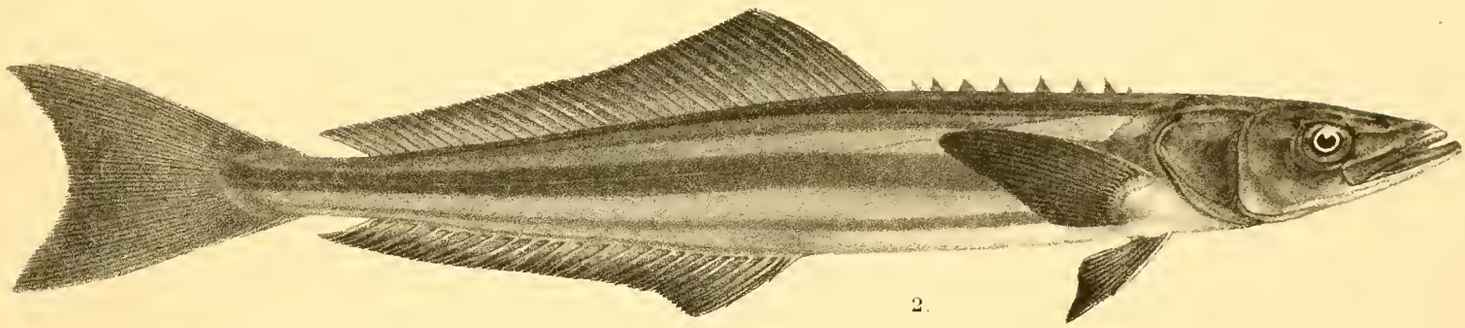

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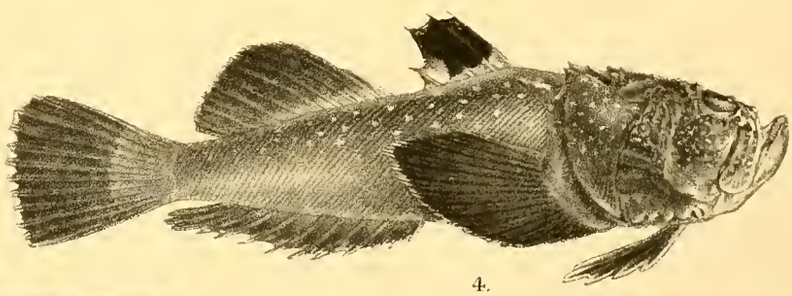

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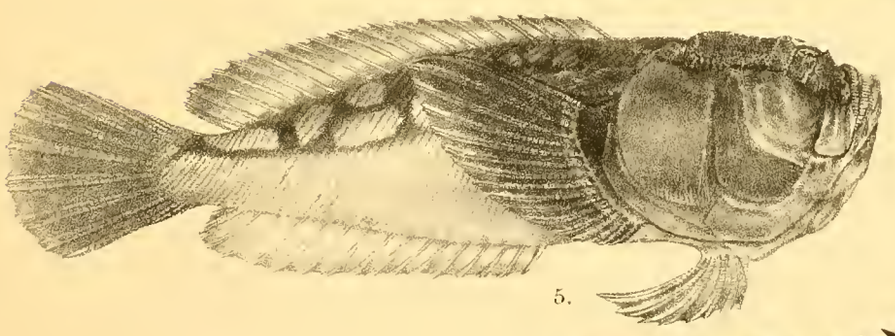

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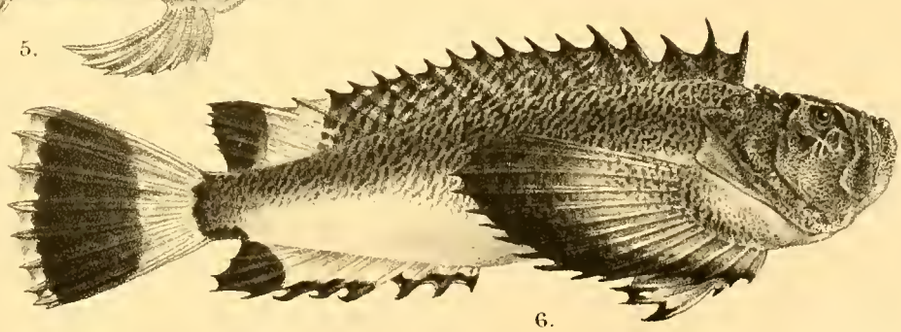

6.

G H Ford del Suzuki lith

Mintern Bros imp

1, CYBIUM GUTTATUM (YOUNG). 2, ELACATE NIGRA. 3, ECHENEIS BRACHYPTERA
4, URANOSCOPUS MARMORATUS. 5, ICHTHYSCOPUS INERME. 6, PSEUDOSYNANCEIA MELANOSTIGMA

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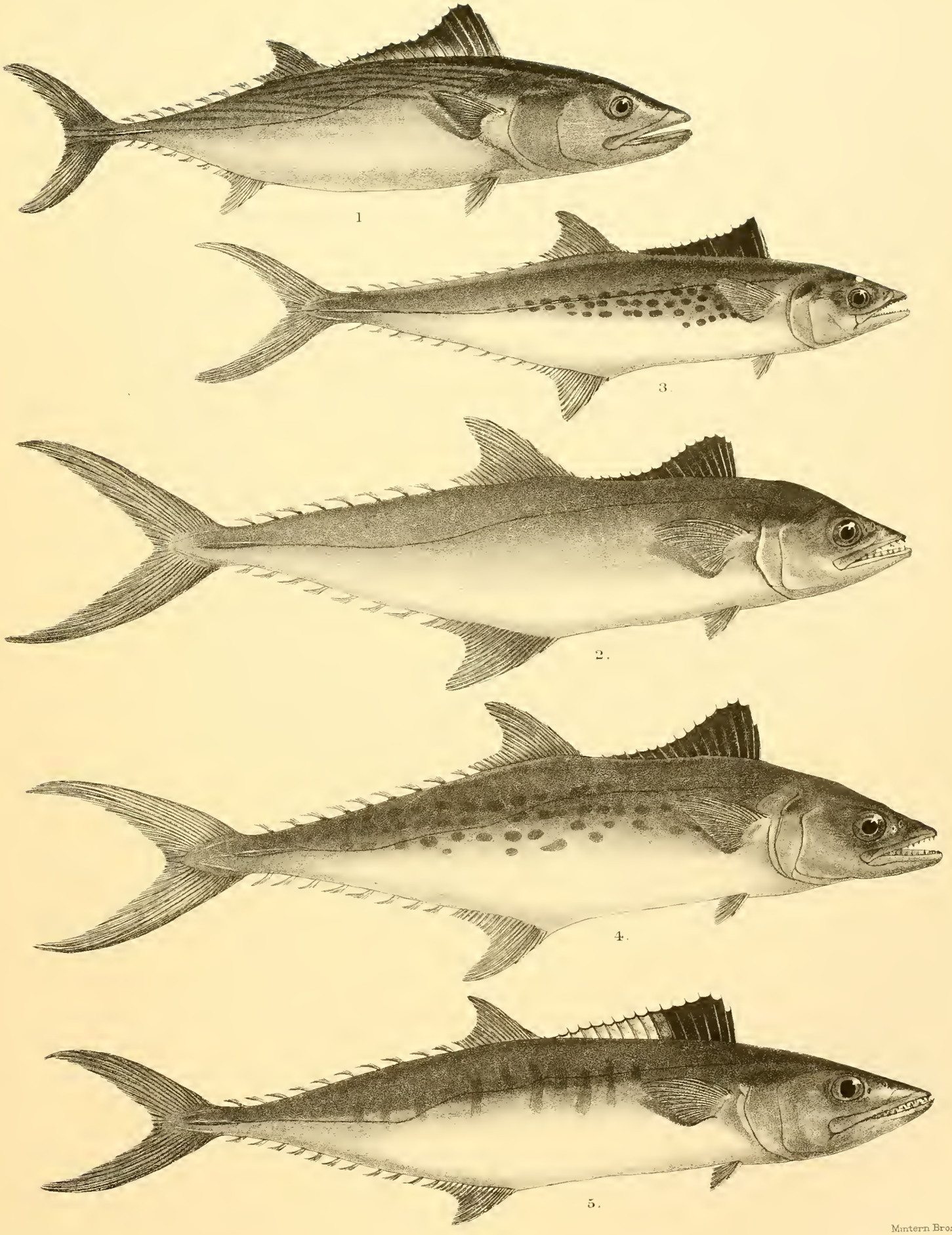

G.H. Ford del. R. Mintern lith

Mintern Bros imp

1, PELAMYS CHILENSIS. 2, CYBIUM KUHLII. 3, C. INTERRUPTUM. 4, C. GUTTATUM.
5, C. COMMERSONII.

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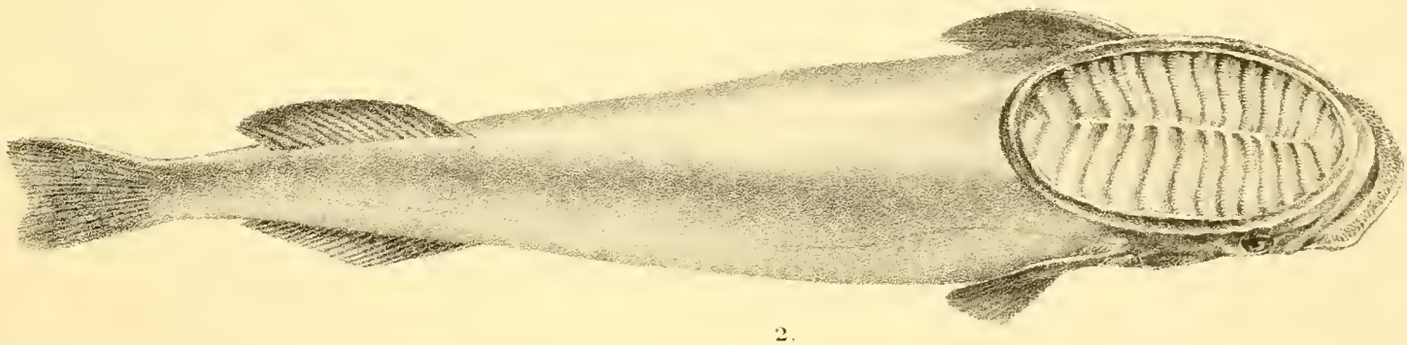

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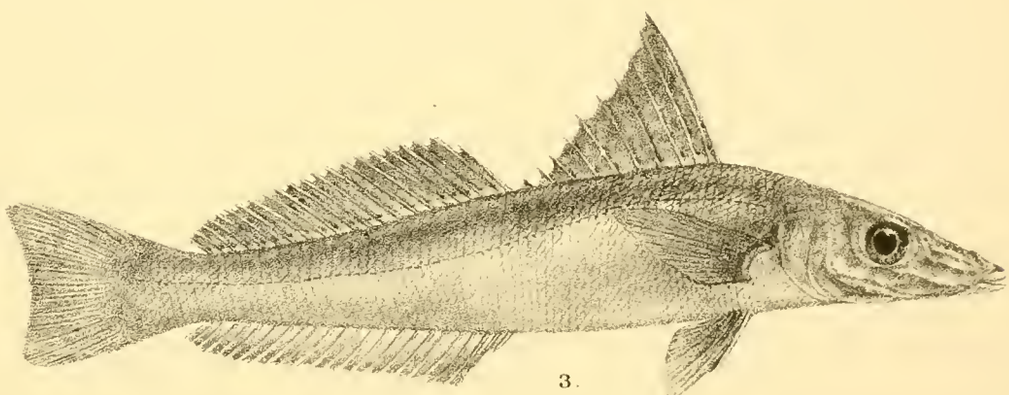

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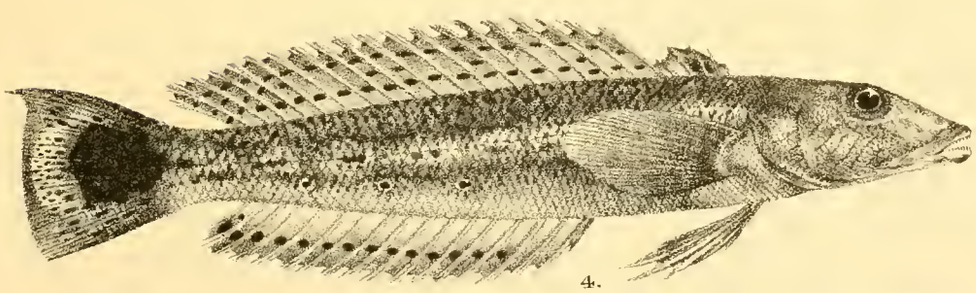

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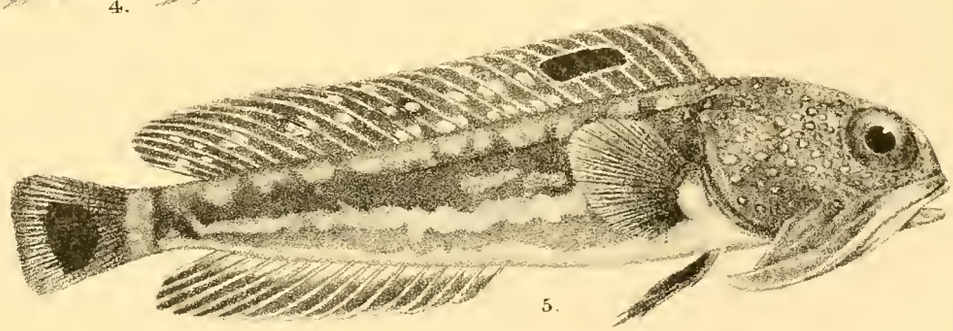


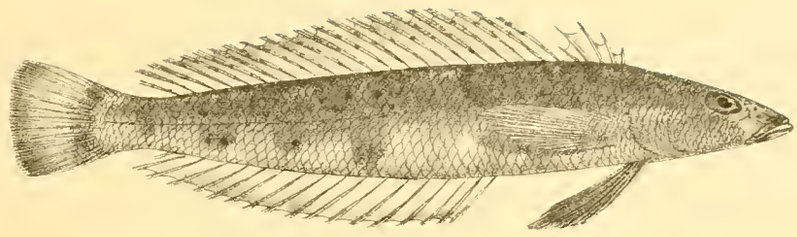
5.

Mintern Bros. imp.

G H Ford del. Suzuki lith.

1, ECHENEIS NEUCRATES. 2, E. ALBESCENS. 3, SILLAGO SIHAMA 4, PERCIS HEXOPHTHALMA
5, OPISTHOGNATHUS NIGROMARGINATUS.

M
HA ITY
CA USA



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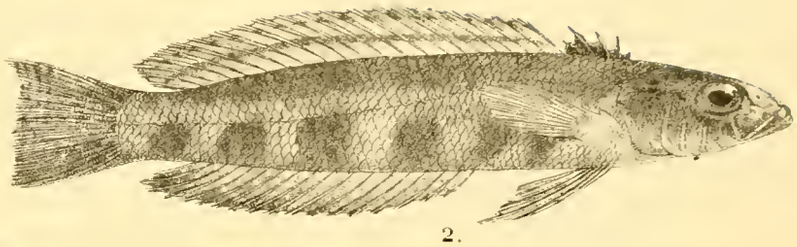

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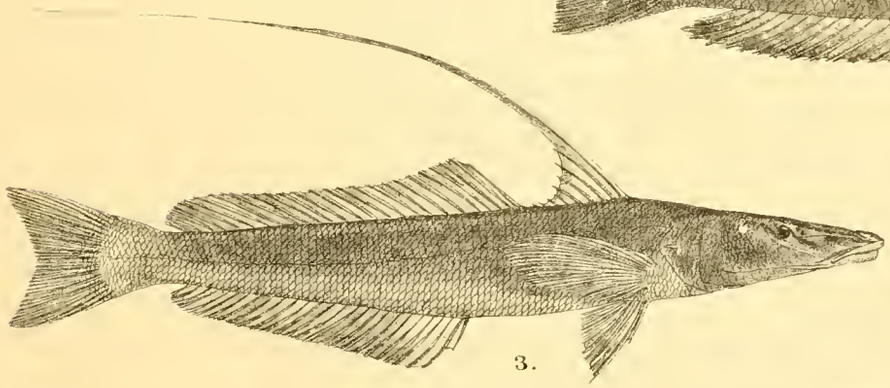

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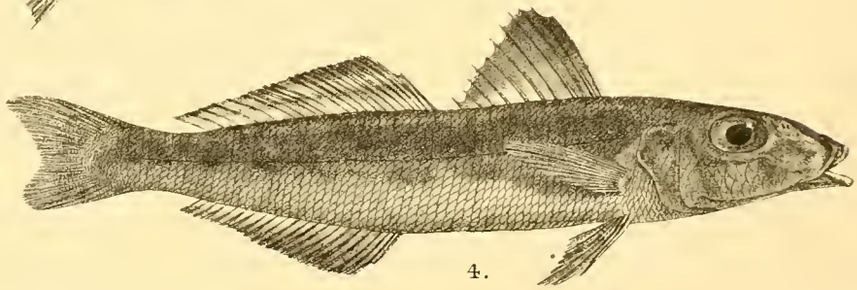

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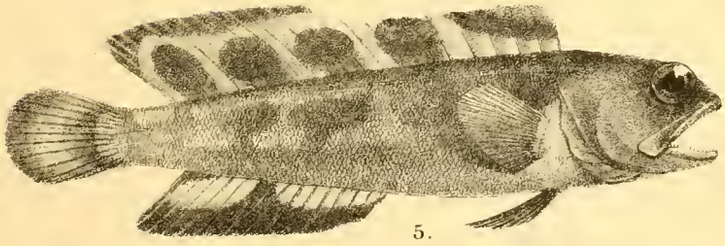

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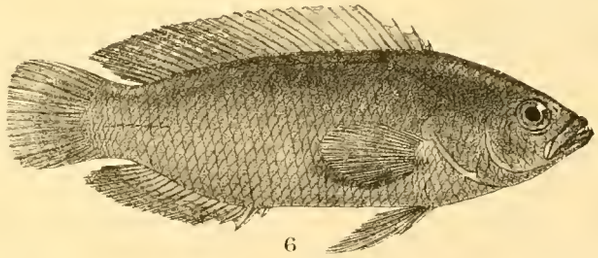

6

G H Ford del R Mintern lith

Mintern Bros imp

1, PERCIS PUNCTATA 2, P PULCHELLA 3, SILLAGO DOMINA 4 S MACULATA
5, OPISTHOGNATHUS ROSENBERGII 6, PSEUDOCHROMIS XANTHOCHIR

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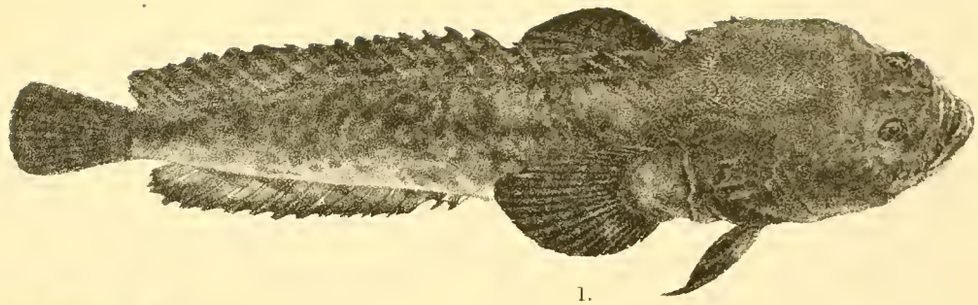

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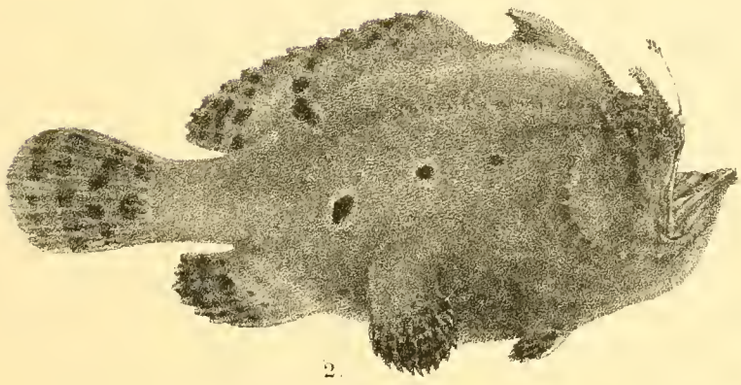

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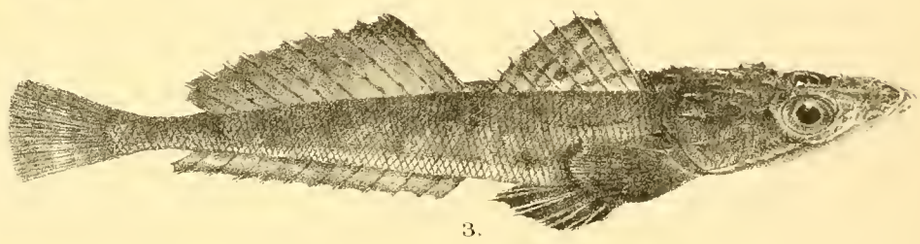

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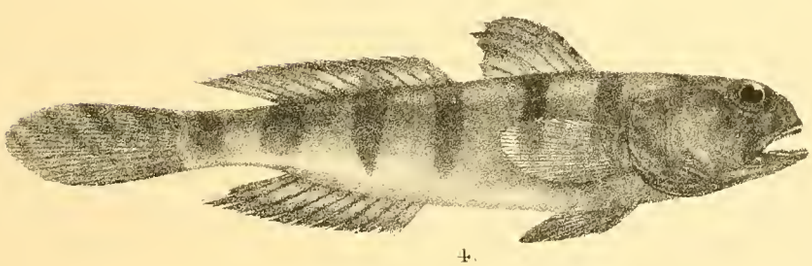

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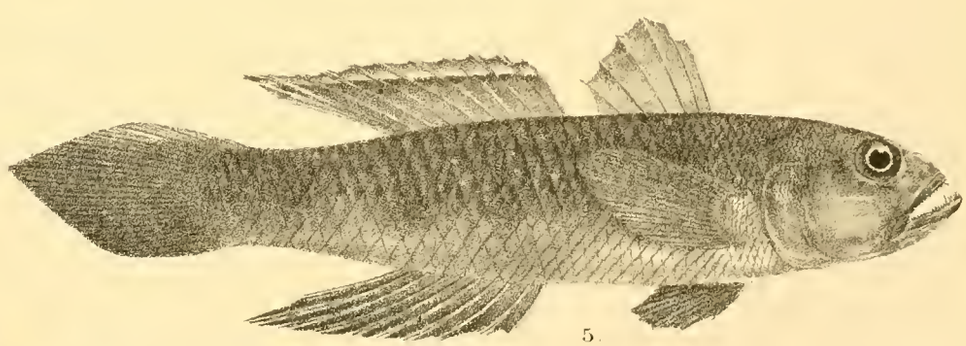

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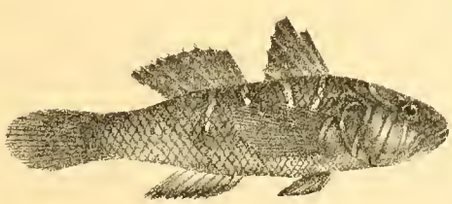

6. $\frac{2}{1}$

G H Ford del Suzmi lith.

Mintern Bros imp

1, BATRACHUS GRUNNIENS. 2, ANTENNARIUS NUMMIFER. 3, PLATYCEPHALUS MACRACANTHUS.
4, GOBIUS SEXFASCIATUS. 5, G. VIRIDIPUNCTATUS. 6, G SEMIDOLIATUS ($\frac{2}{1}$).

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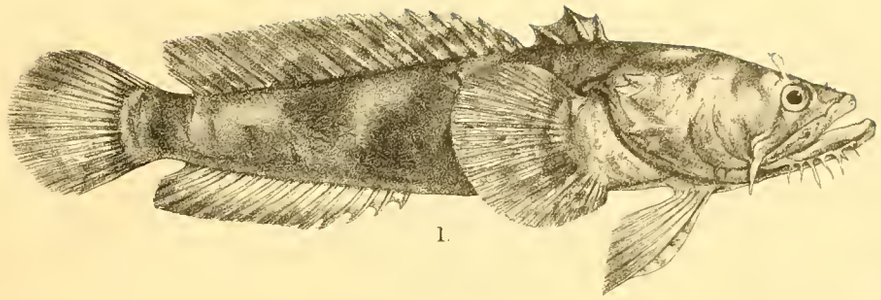

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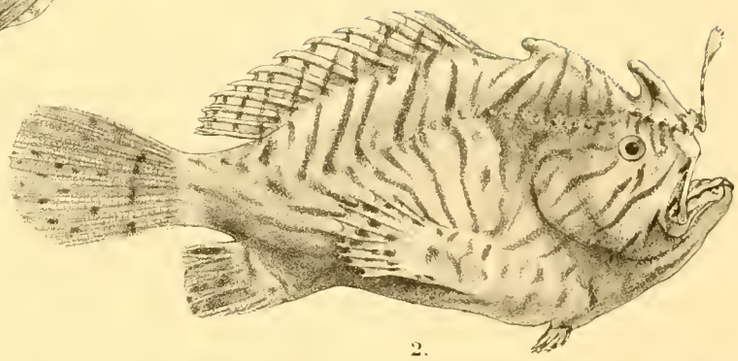

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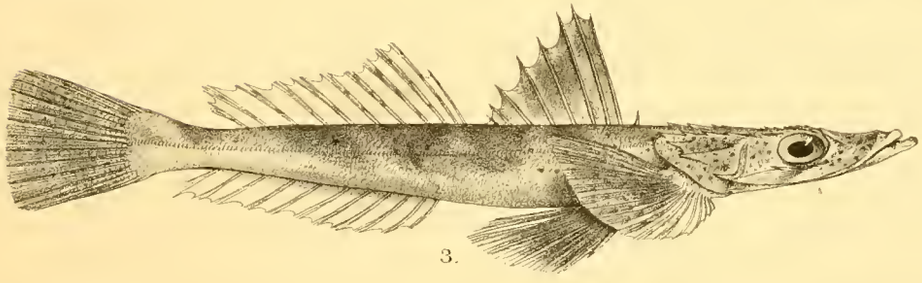

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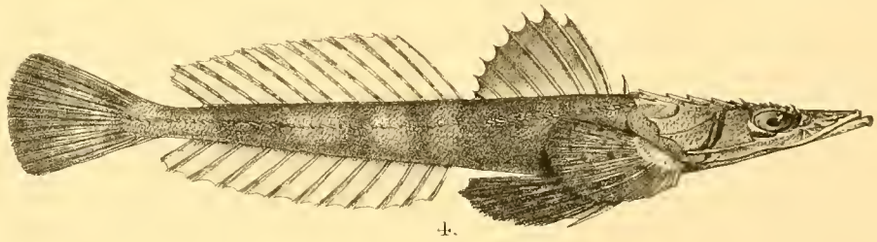

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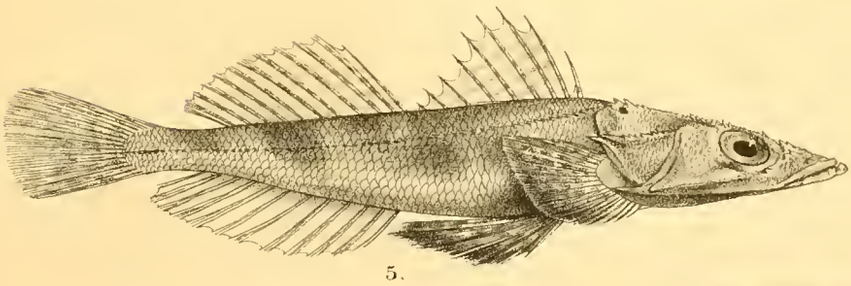

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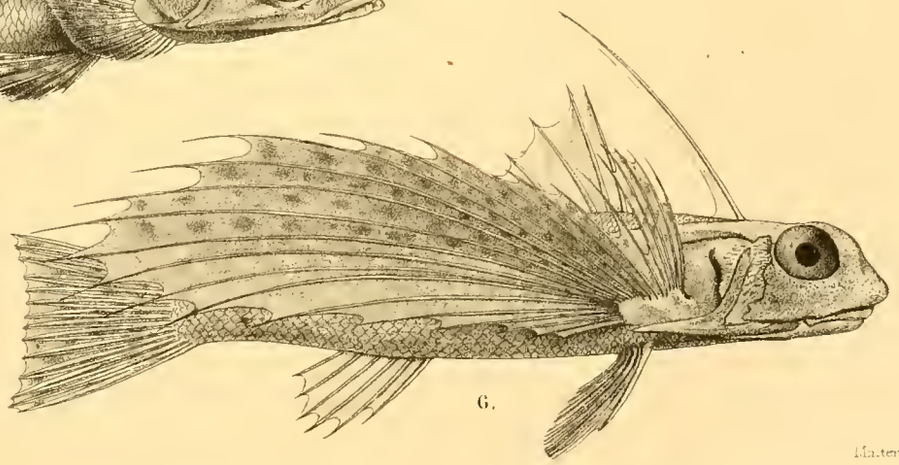
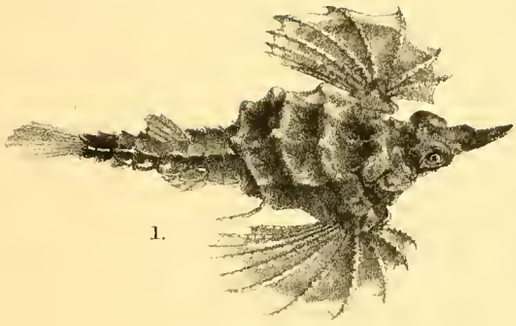


6.

G H Ford del. R Mintern lith. Mintern Bros imp.

1, BATRACHUS GRUNNIENS 2, ANTENNARIUS HISPIDUS 3, PLATYCEPHALUS PUNCTATUS
4, P. SCABER. 5 P TUBERCULATUS. 6, DACTYLOPTERUS ORIENTALIS

RY
HA[illegible]ERSITY
CAMBRIDGE, MA USA



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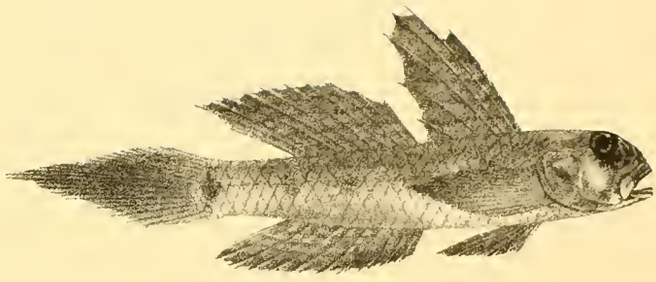

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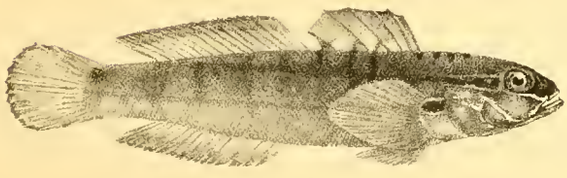

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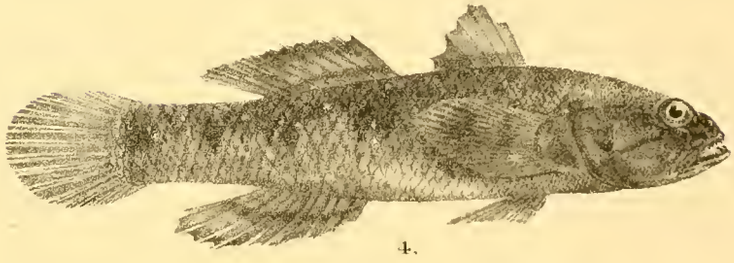

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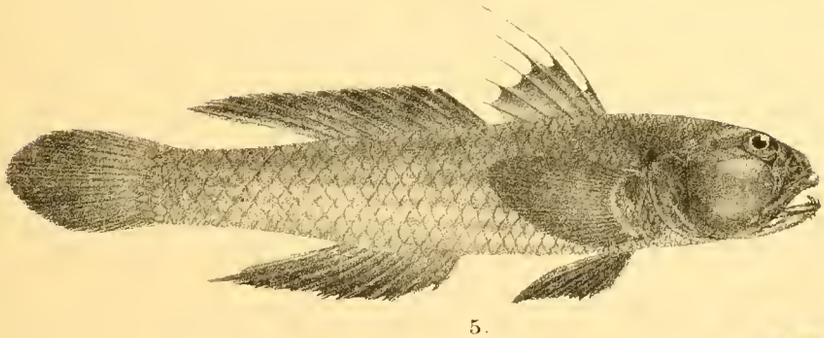

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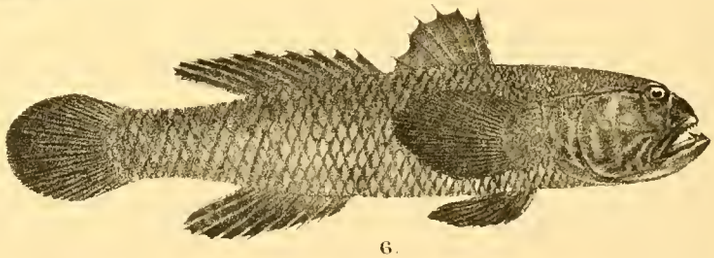

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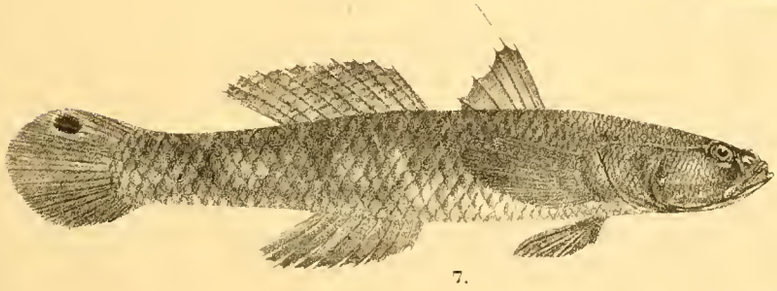

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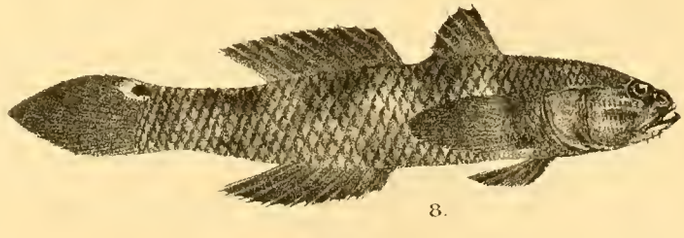

8.

G.H.Ford del. Suzuki lith

Mintern Bros imp

1, PEGASUS DRACONIS 2. GOBIUS ACUTIPINNIS 3. G. BYNOENSIS. 4. G. VIRIDIPUNCTATUS
5, G. CYANOSMOS 6, G. MASONI 7, G. OCELLATUS 8. G. POLYNEMA.

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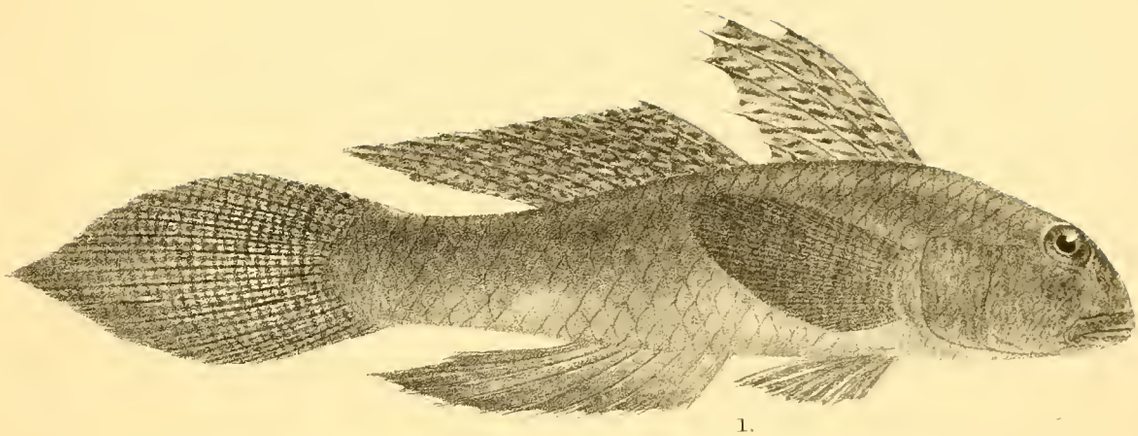

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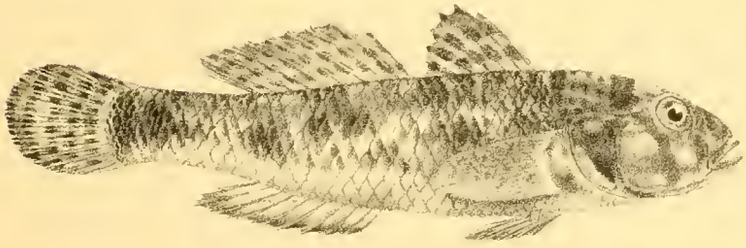

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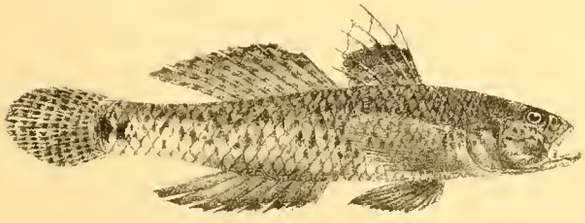

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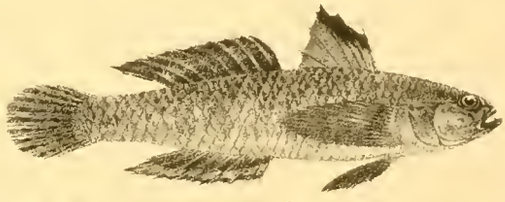

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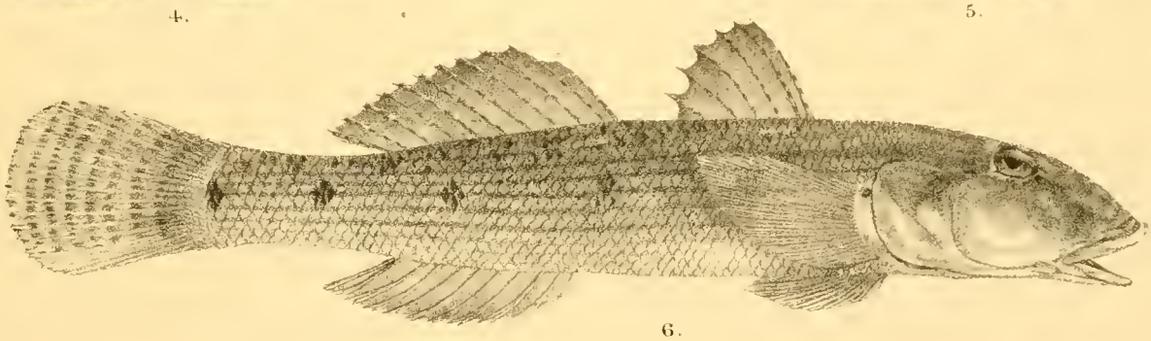

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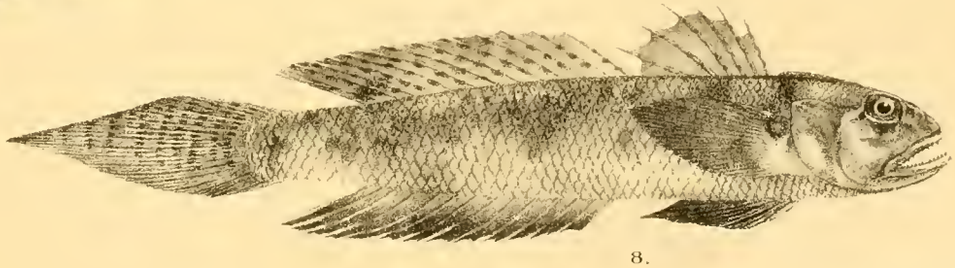

8.

G H Ford del Suzuki lith

Mintern Bros imp

1, GOBIUS PUNGTANG. 2, G CRINIGER 3, G MADRASPATENSIS. 4, G NEILLI 5, G BLEEKERI
6, G STRIATUS. 7, APOCRYPTICHTHYS CANTORI. 8, GOBIUS CRISTATUS.

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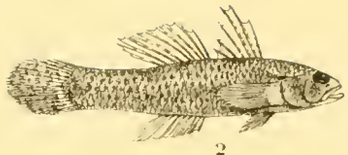

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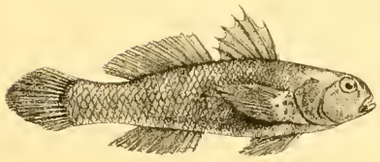

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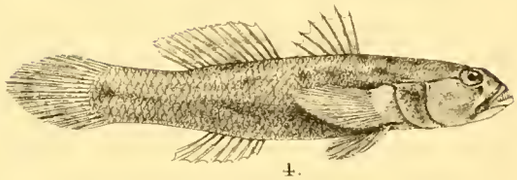

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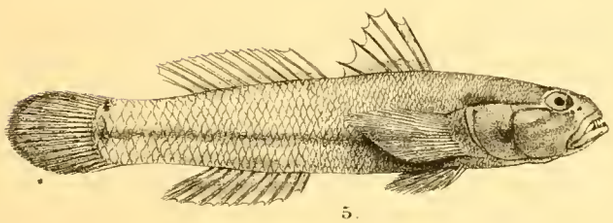

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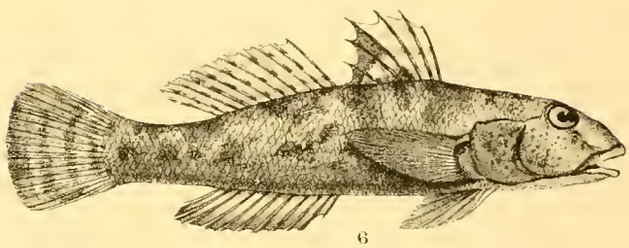

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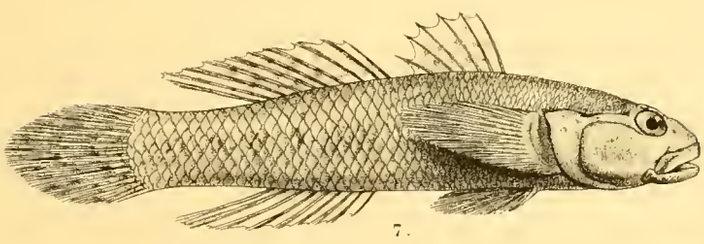

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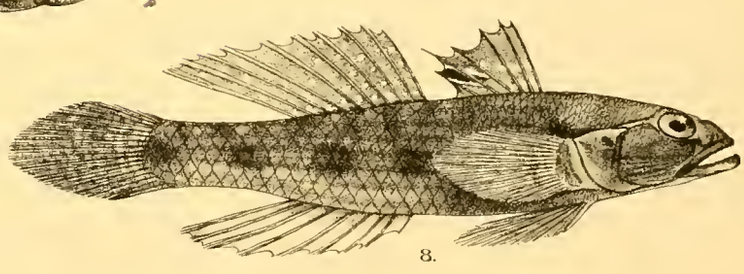

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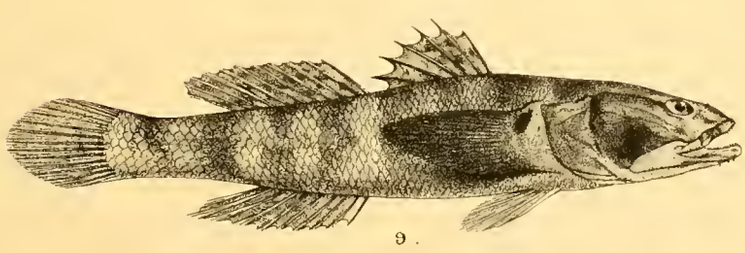

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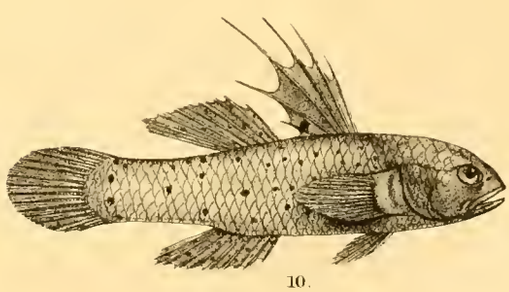

10.

G H Ford del R Mintern lith

Mintern Bros imp

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6 G PERSONATUS 7, G ALBOPUNCTATUS 8, G. BIOCELLATUS. 9 G PLANIFRONS 10. G. SADANUNDIO

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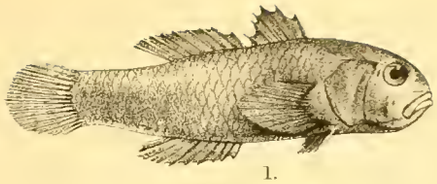
H... NIVERSITY
...BRIDGE, MA USA



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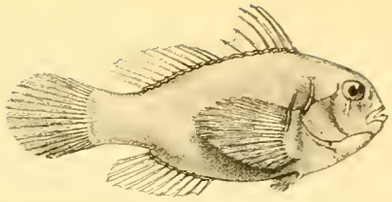

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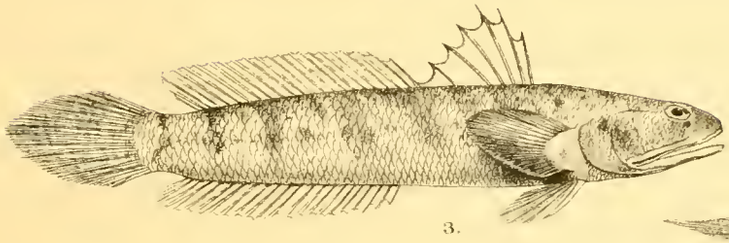

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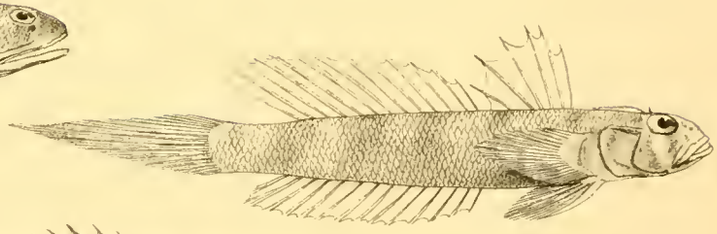

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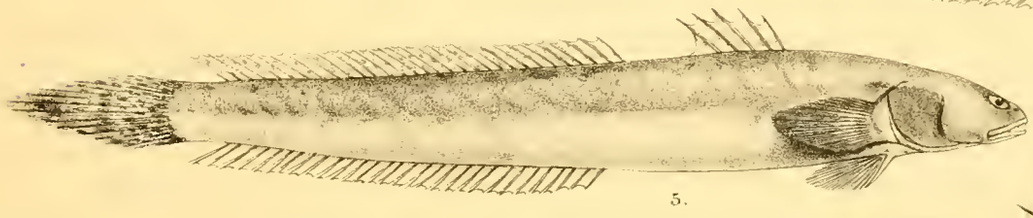

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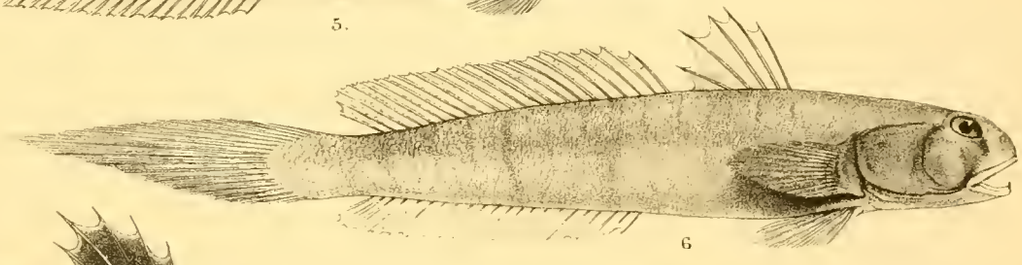

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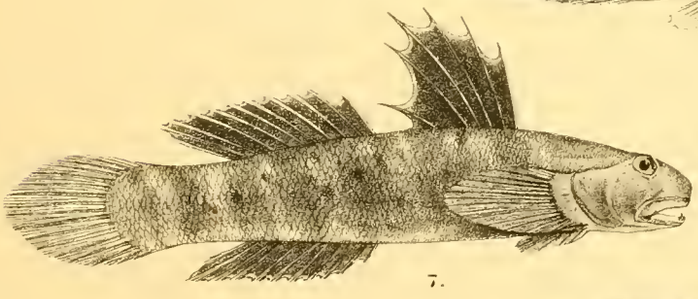

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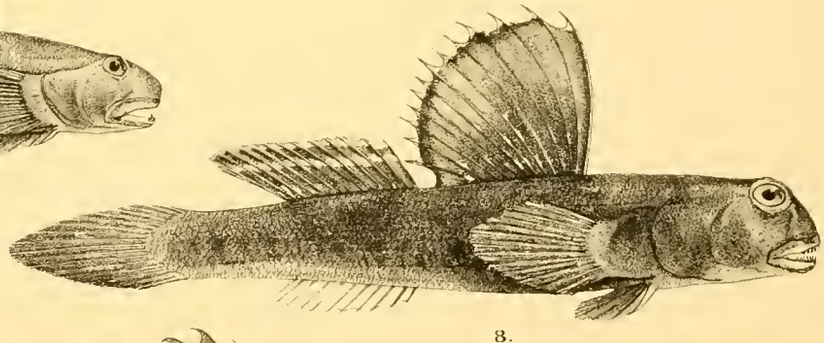

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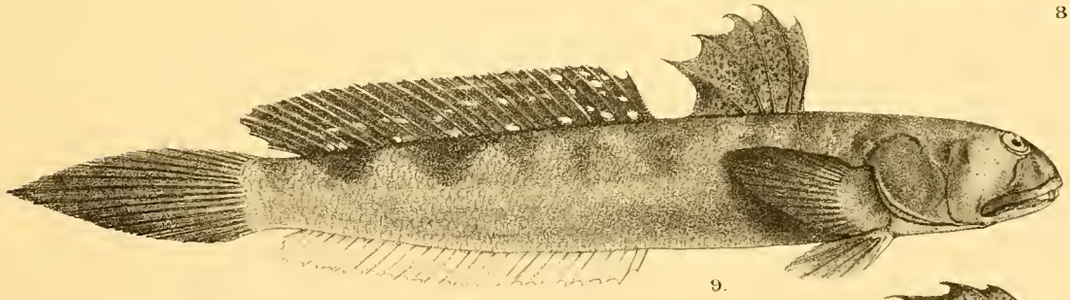

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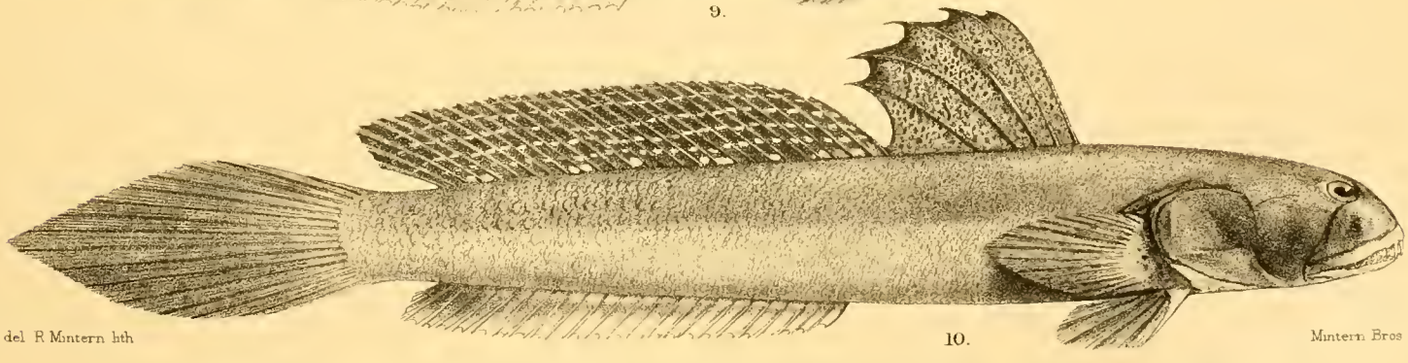

10.

G.H.Ford del. R.Mintern lith.

Mintern Bros. imp.

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5, APOCRYPTES LANCEOLATUS. 6, A. BATO. 7, SICYDIUM FASCIATUM. 8, PERIOPHTHALMUS KOELREUTERI
9, BOLEOPHTHALMUS DUSSUMIERI. 10, B. DENTATUS

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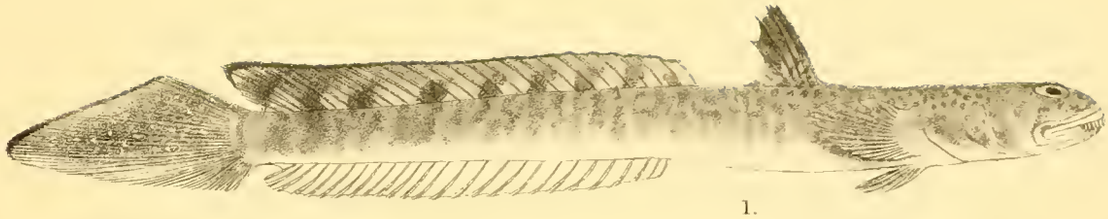

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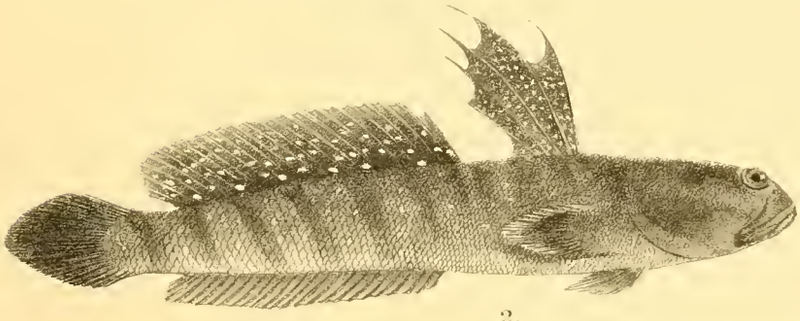

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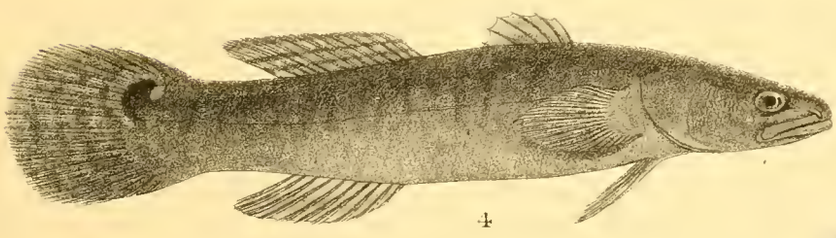

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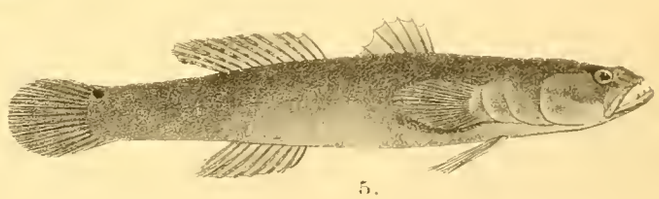

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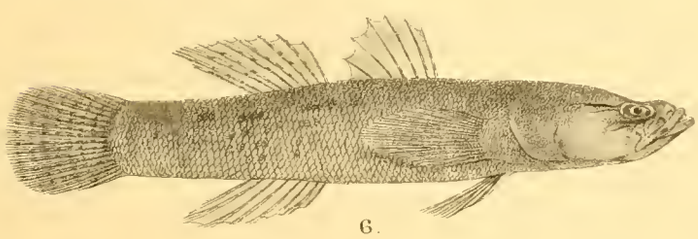

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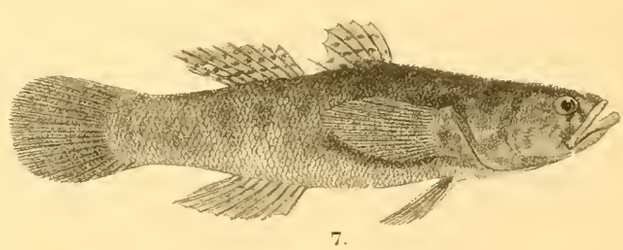

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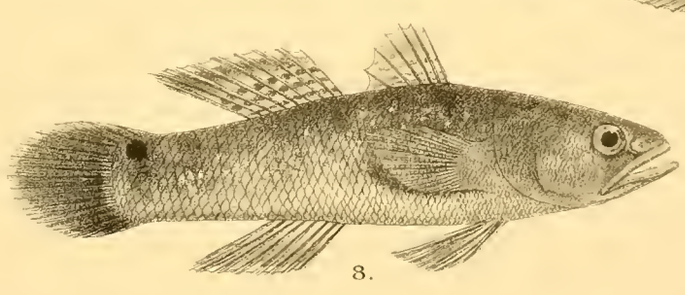

8.

G H Ford del R Mintern lith

Mintern Bros imp

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5, ELEOTRIS MACRODON. 6, E CAVIFRONS 7 E FUSCA 8, E SCINTILLANS

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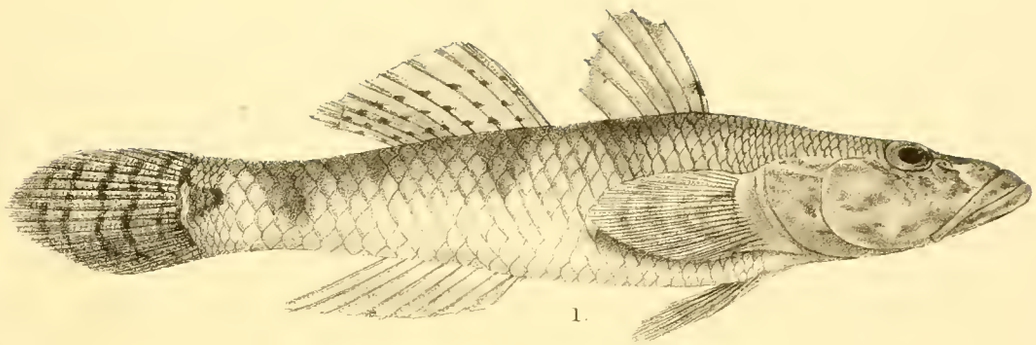

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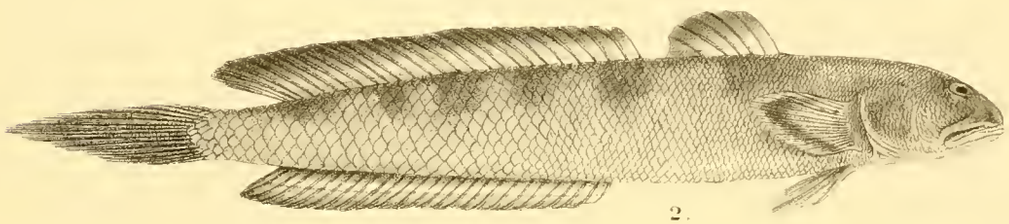

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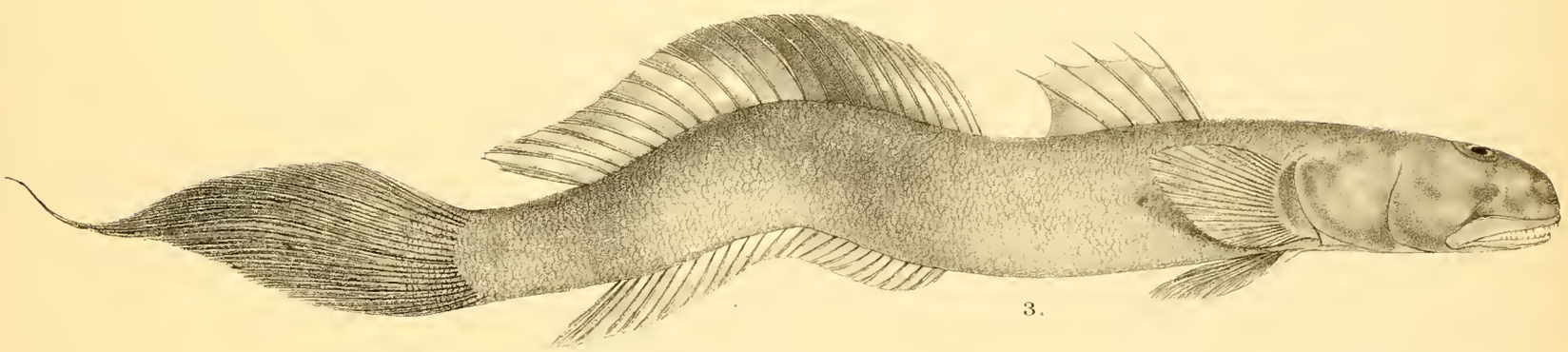

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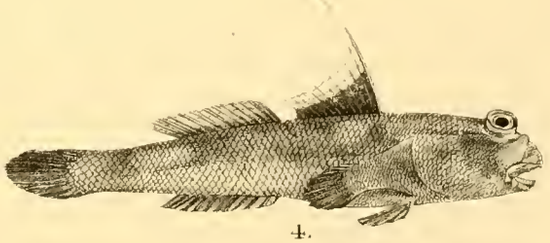

4.

G.H.Ford del. R.Mintern lith.

Minteros imp.

1, GOBIUS GIURIS. 2, APOCRYPTES SERPERASTER. 3, A BATOIDES. 4, PERIOPHTHALMUS SCHLOSSERI.
5, BOLEOPHTHALMUS VIRIDIS.

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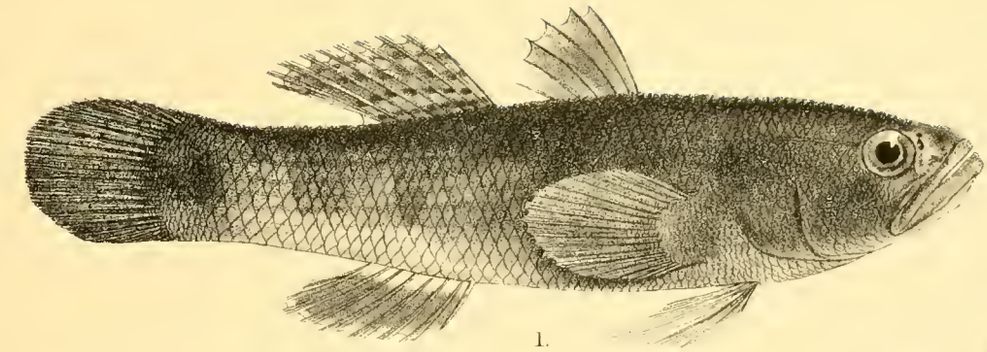

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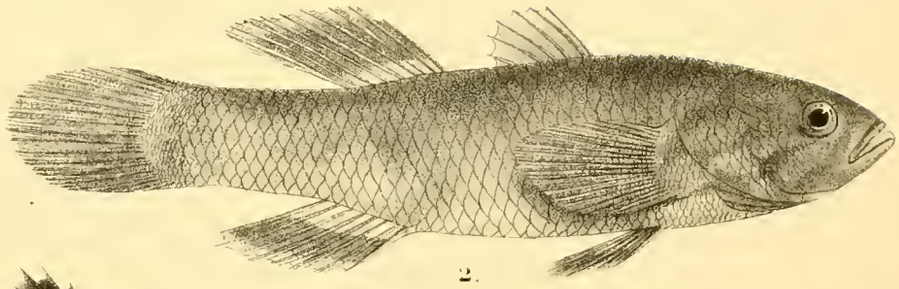

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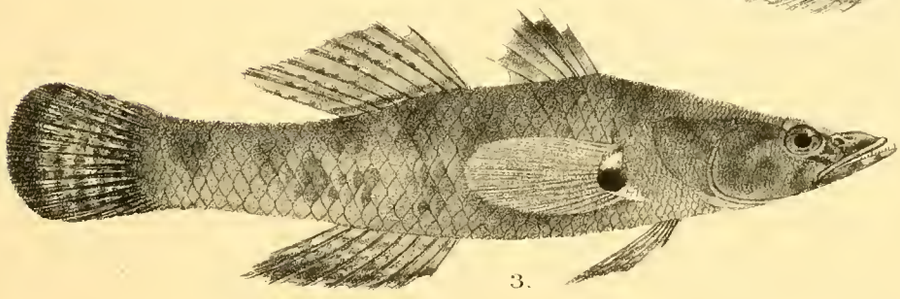

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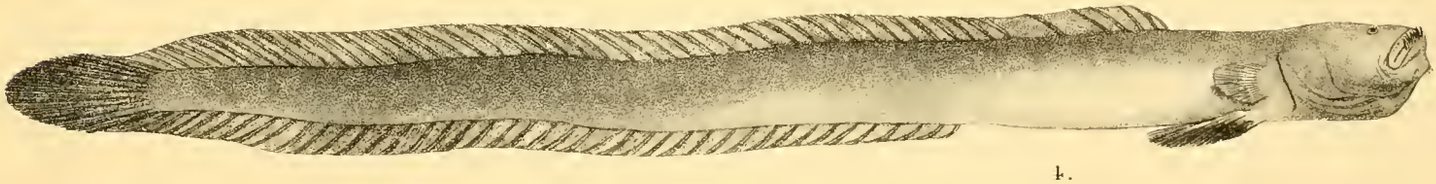

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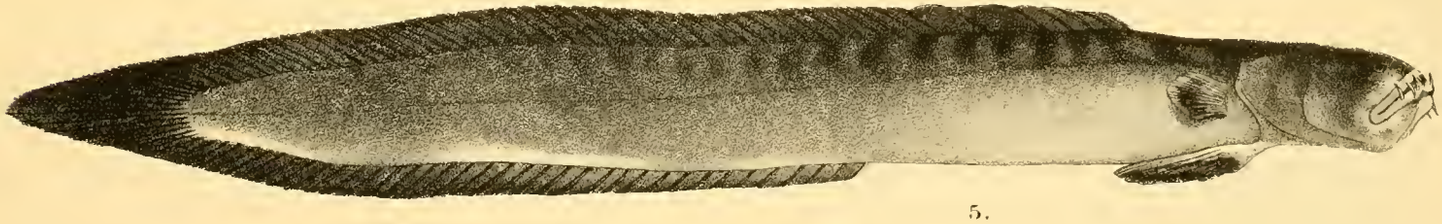

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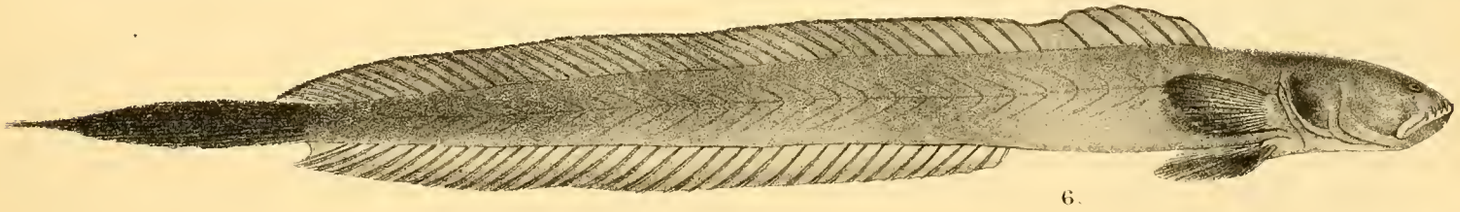

6.

G H Ford del R.Mintern lith

Mintern Bros imp

1, ELEOTRIS POROCEPHALUS. 2. E OPHIOCEPHALUS 3, E. BUTIS. 4. GOBIOIDES ANGUILLARIS
5, G BUCHANANI. 6. G RUBICUNDUS

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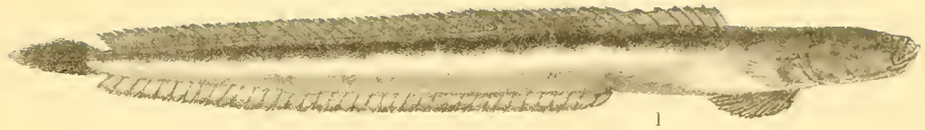

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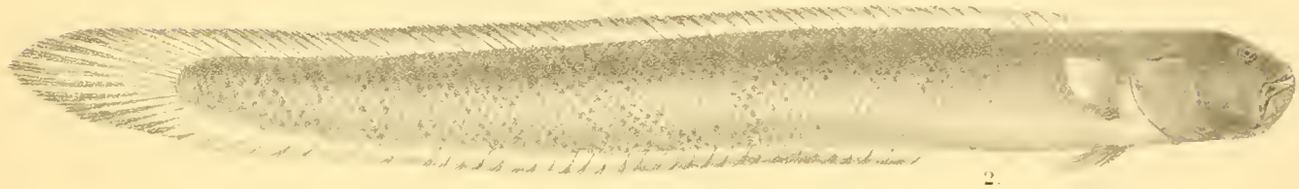

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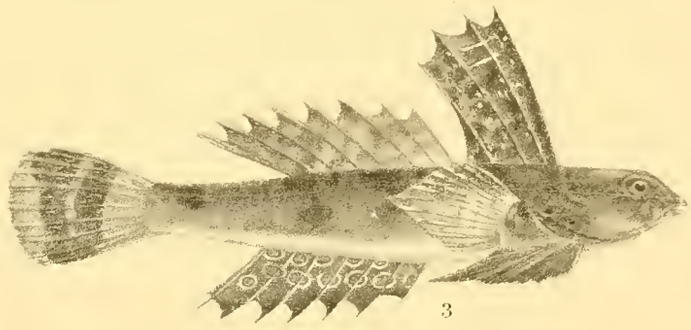

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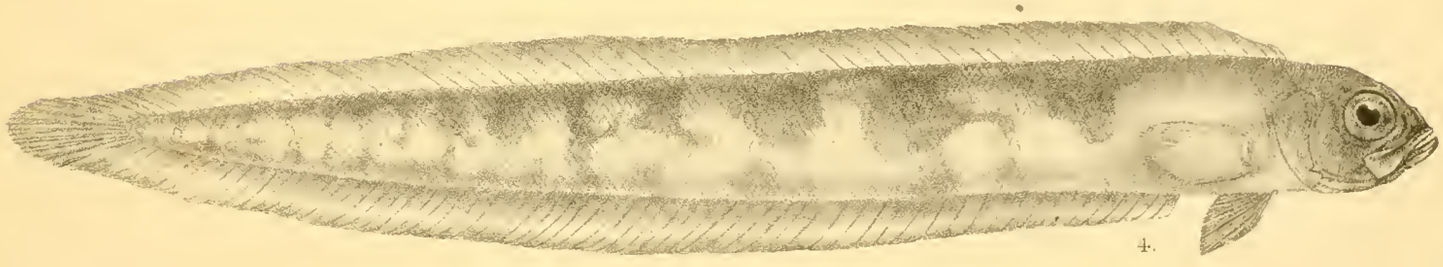

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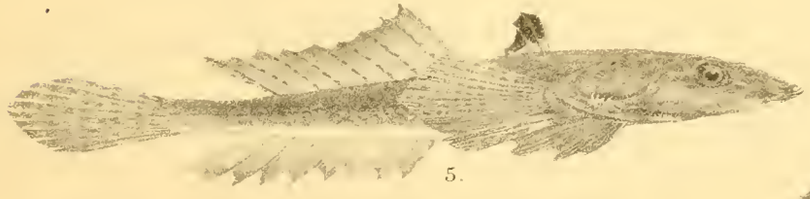

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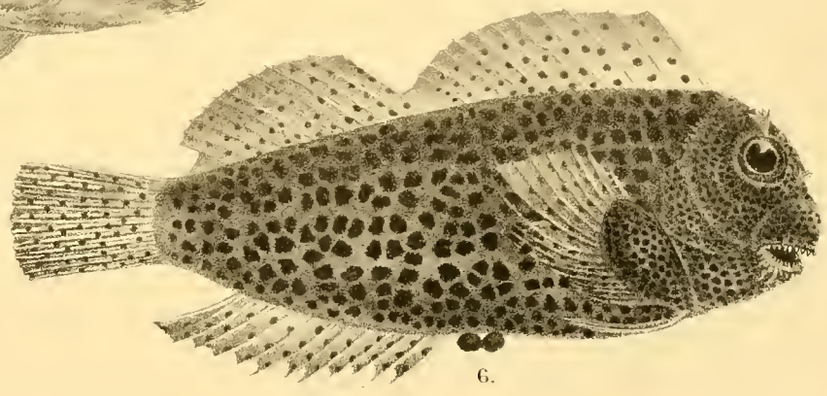


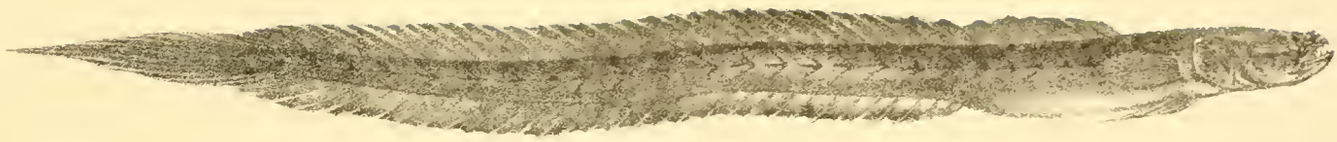
6.

G H Ford del Suzini lith

Mintern Bros imp

1 GOBIOIDES CÆCULUS 2 TRYPAUCHEN VAGINA 3 CALLIONYMUS LINEOLATUS. 4. CEPOLA ABBREVIATA
5 CALLIONYMUS SAGITTA (FEMALE). 6 BLENNIUS LEOPARDUS

E. MA USA



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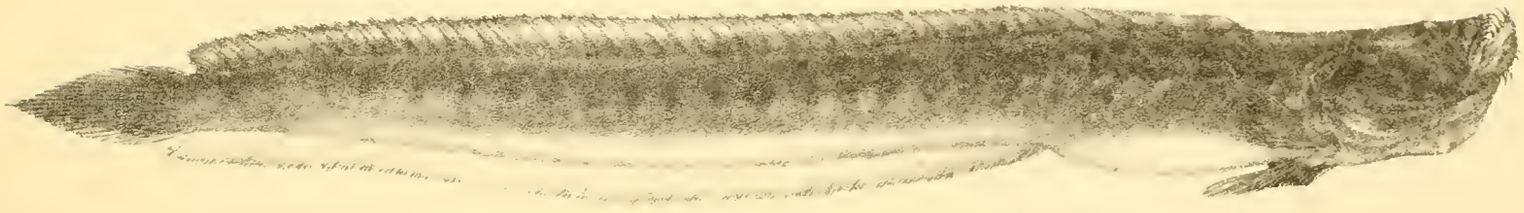

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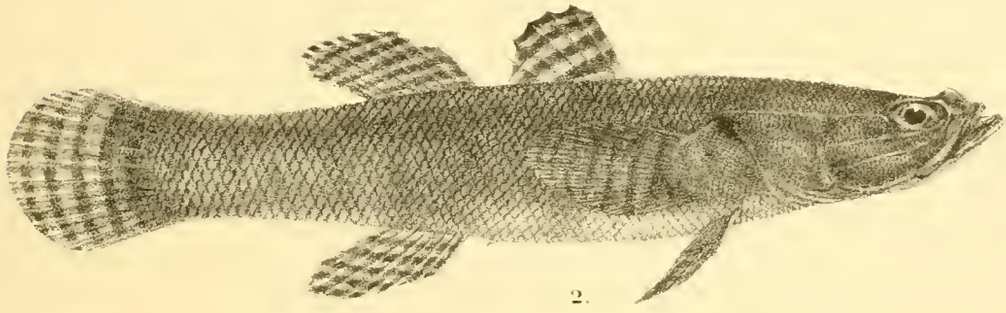

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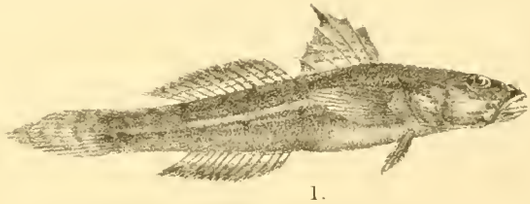

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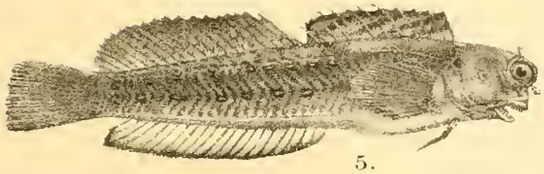

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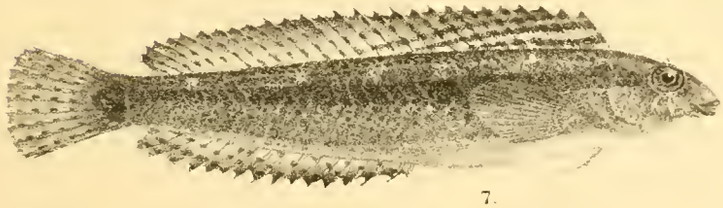

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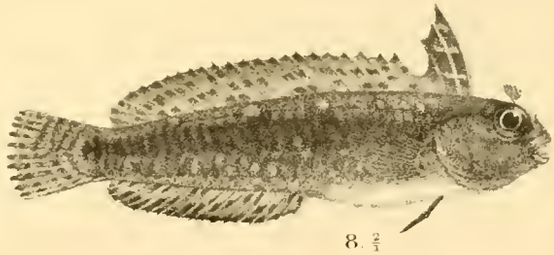

8. $\frac{2}{1}$

G H Ford del Suzim lith.

Mintern Bros imp

1, ELEOTRIS MURALIS. 2, E. CANARENSIS. 3, GOBIOIDES TENUIS 4. G CIRRATUS.
5, SALARIAS PERIOPHTHALMUS. 6, S KIRKII. 7, PETROSCIRTES VARIABILIS. 8, LIENARDI $(\frac{2}{1})$

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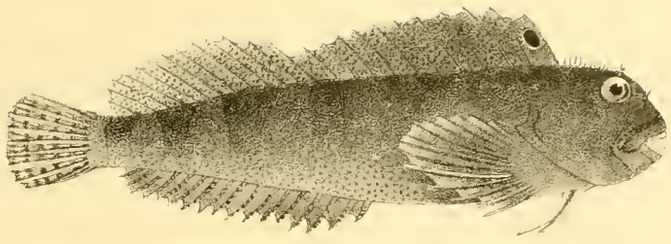
C[illegible] USA



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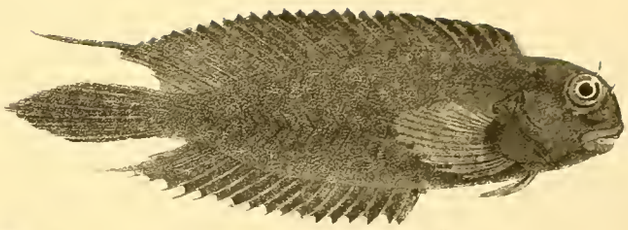

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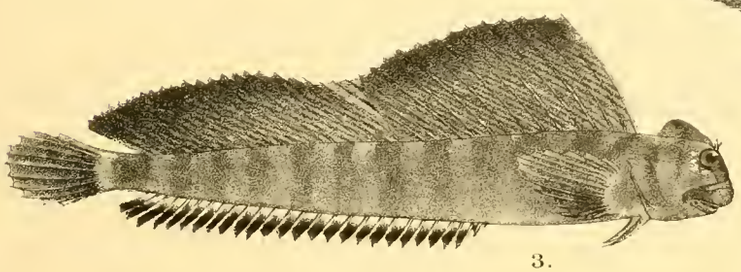

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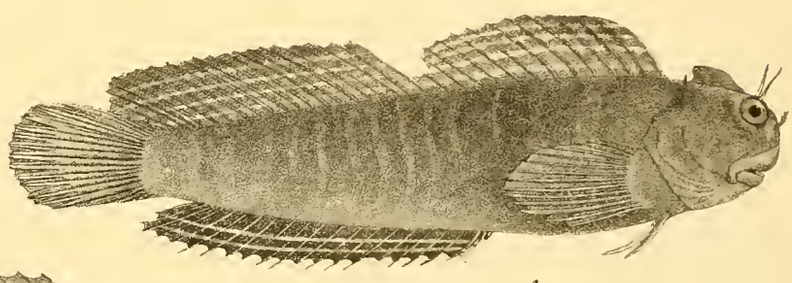

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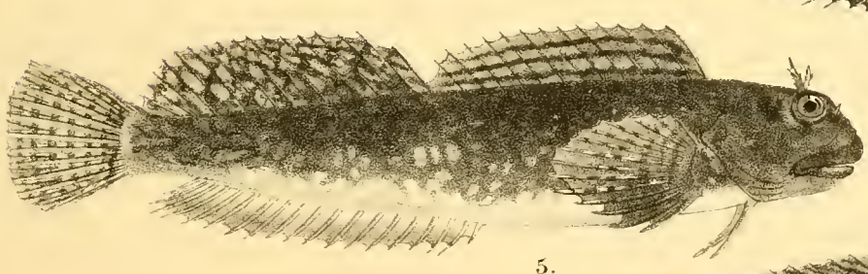

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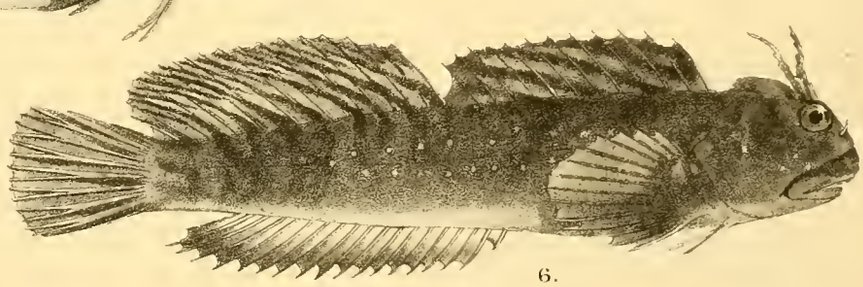

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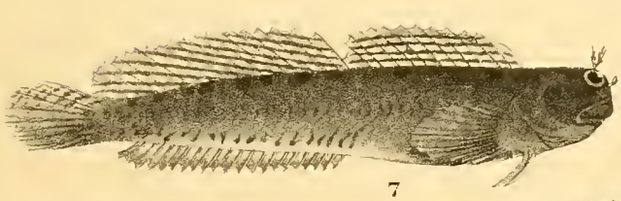

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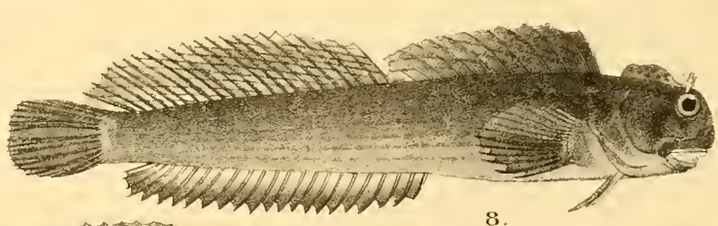


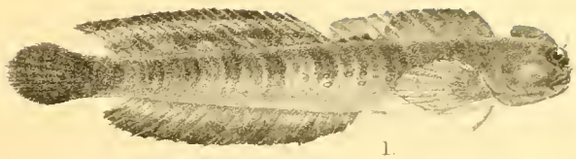
8.

9.

G H Ford del. R Mintern lith

Mintern Bros imp

1. BLENNIUS STEINDACHNERI. 2. SALARIAS FUSCUS. 3. S. TRIDACTYLUS. 4. S. QUADRICORNIS (MALE).
5. S. UNICOLOR (FEMALE). 6. S. UNICOLOR (MALE). 7. S. DUSSUMIERI. 8. S. LINEATUS (MALE). 9. S. FRENATUS.



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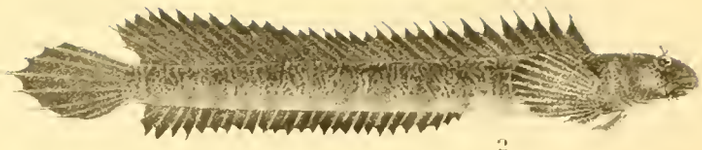

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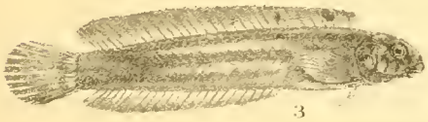

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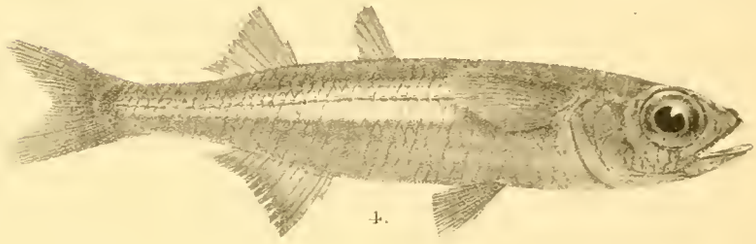

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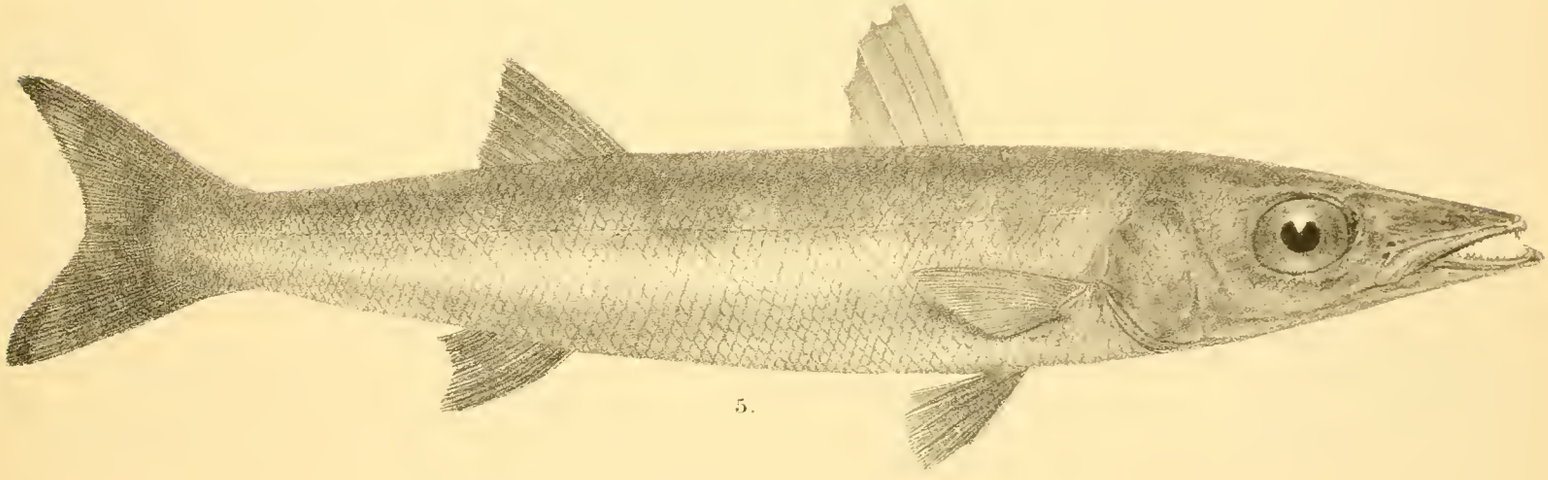

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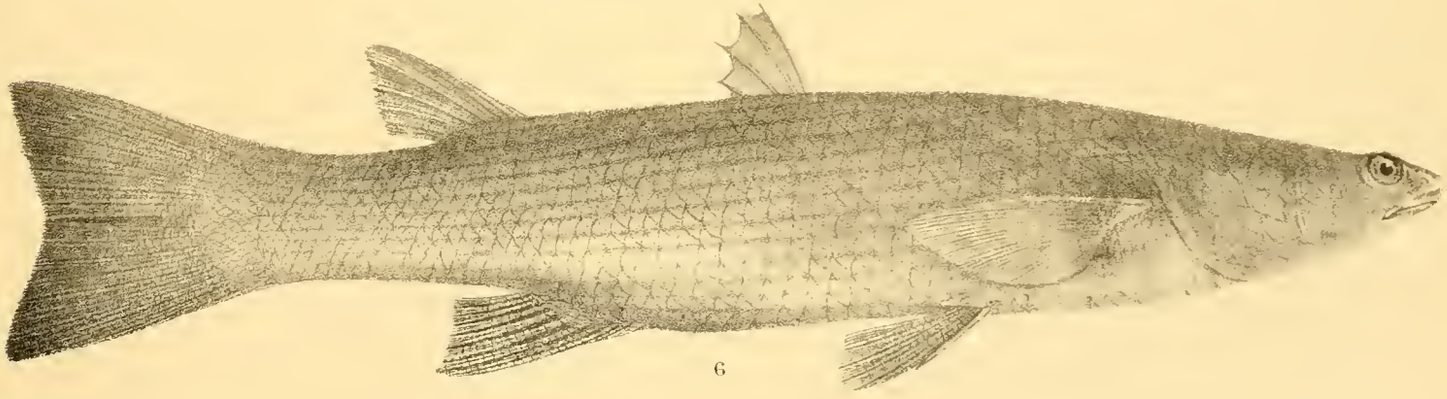

6

G H Ford del Suzuki lith

Mintern Bros imp

1, SALARIAS BILITONENSIS. 2, ANDAMIA EXPANSA. 3, PETROSCIRTES BIPUNCTATUS.
4, ATHERINA FORSKALII. 5, SPHYRÆNA OBTUSATA. 6, MUGIL CORSULA.

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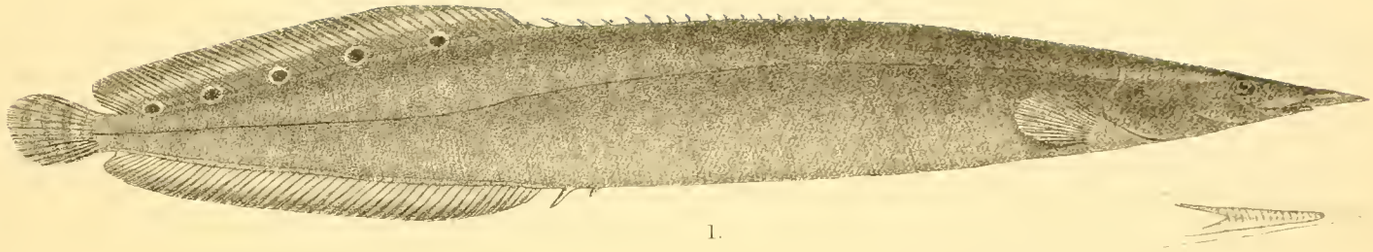
CAMBRIDGE, MASS.



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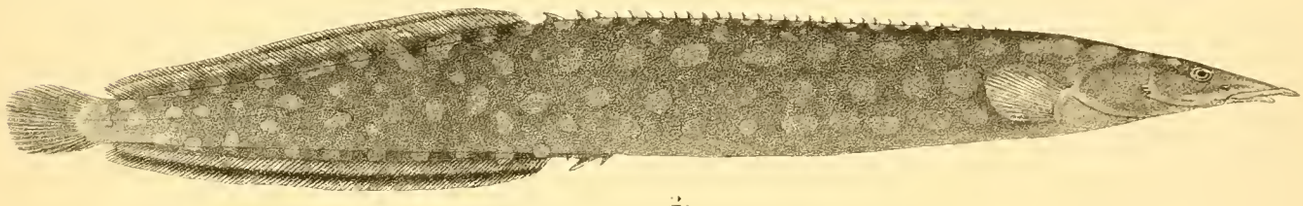

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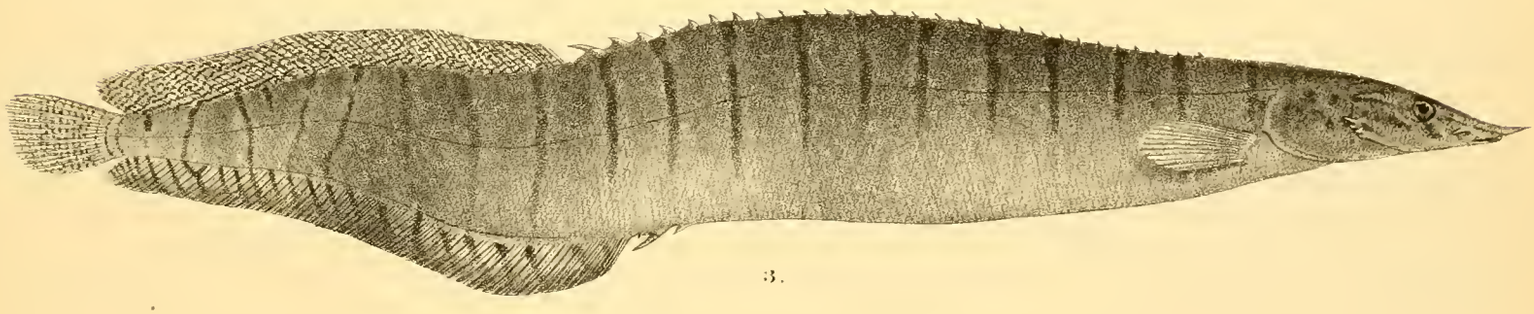

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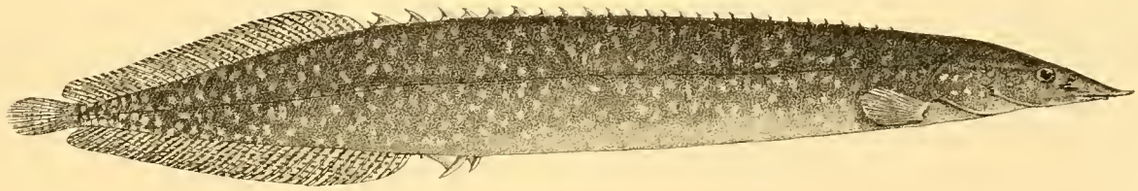

4.

G.H.Ford del. R.Mintern lith.

Mintern Bros. imp.

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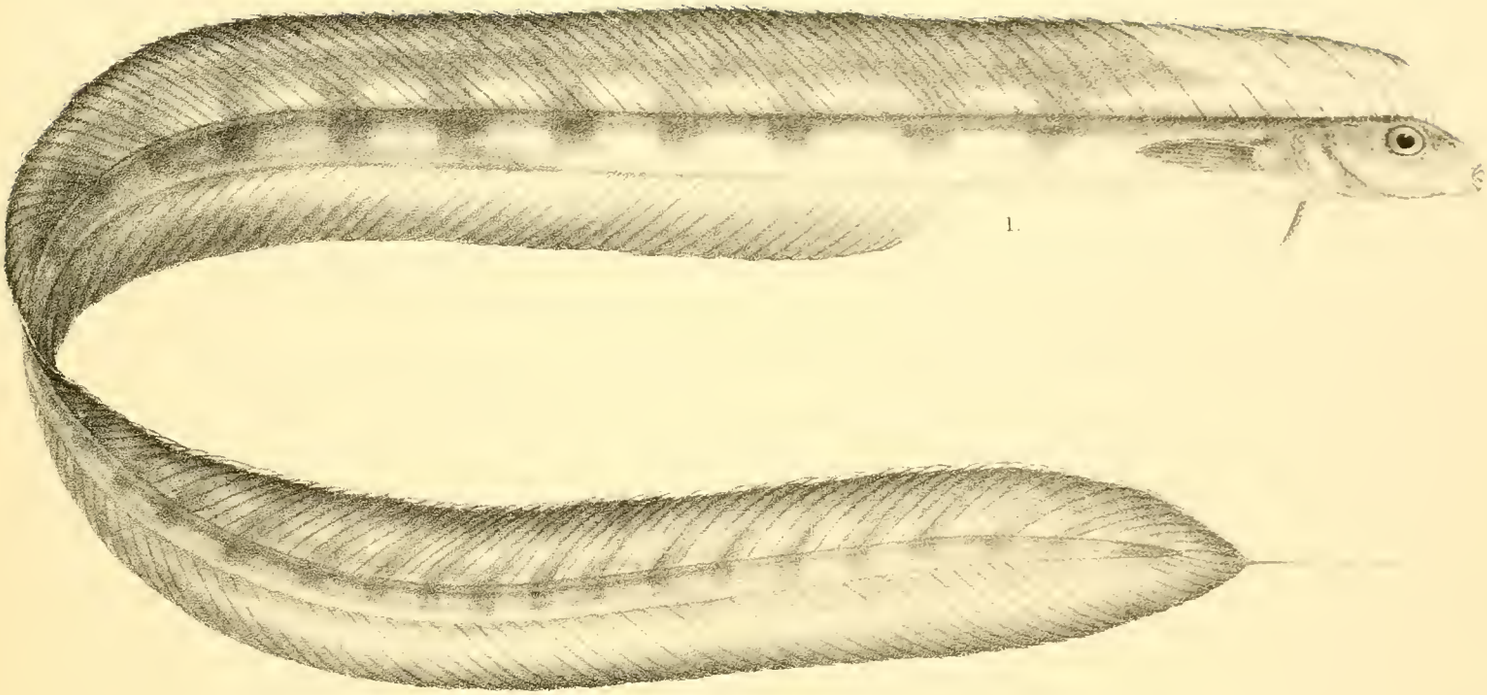

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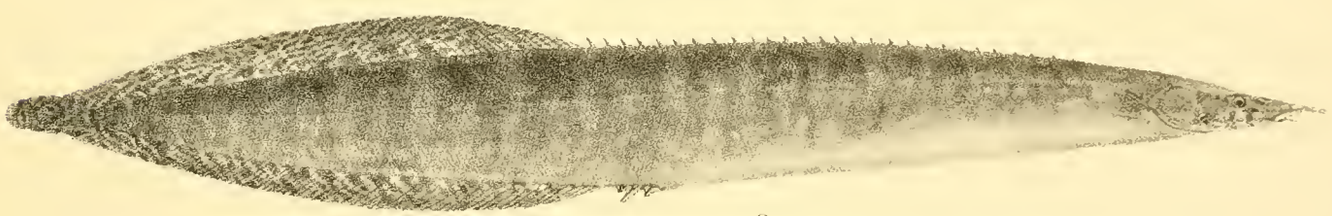

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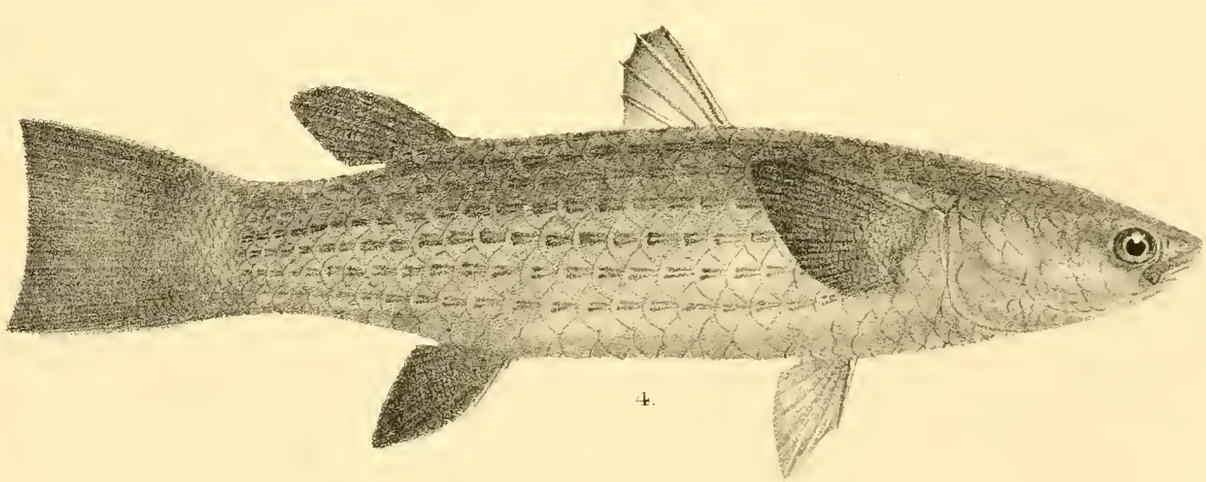

4.

G H Ford del Suzm lith

Mintern Bros imp

1, XIPHASIA SETIFER. 2, MASTACEMBELUS GUENTHERI. 3, M ARMATUS. 4, MUGIL WAIGIENSIS.

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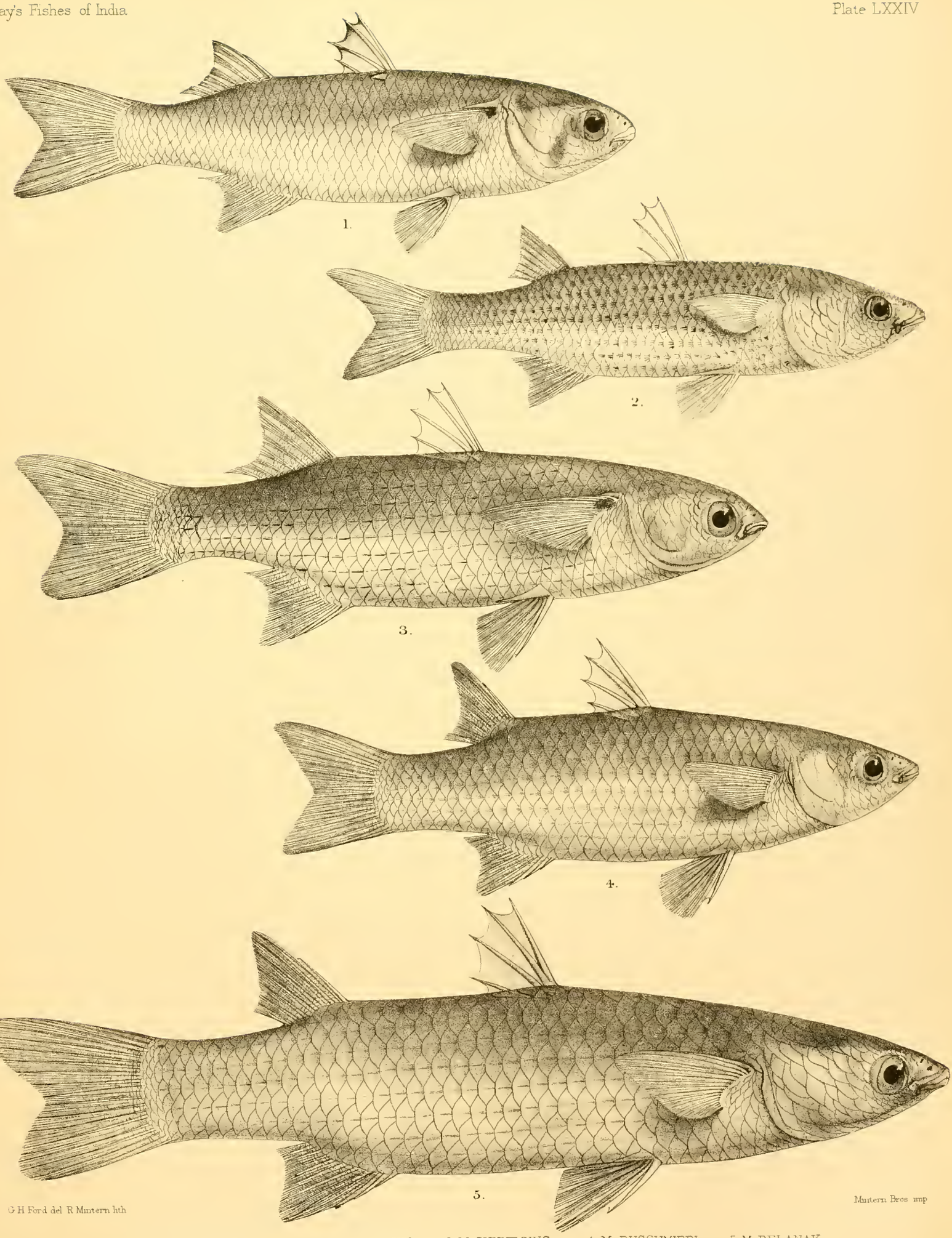

G H Ford del R Mintern lith

Mintern Bros imp

1, MUGIL SPEIGLERI. 2, M. CARINATUS. 3, M. CUNNESIUS. 4, M. DUSSUMIERI. 5, M. BELANAK

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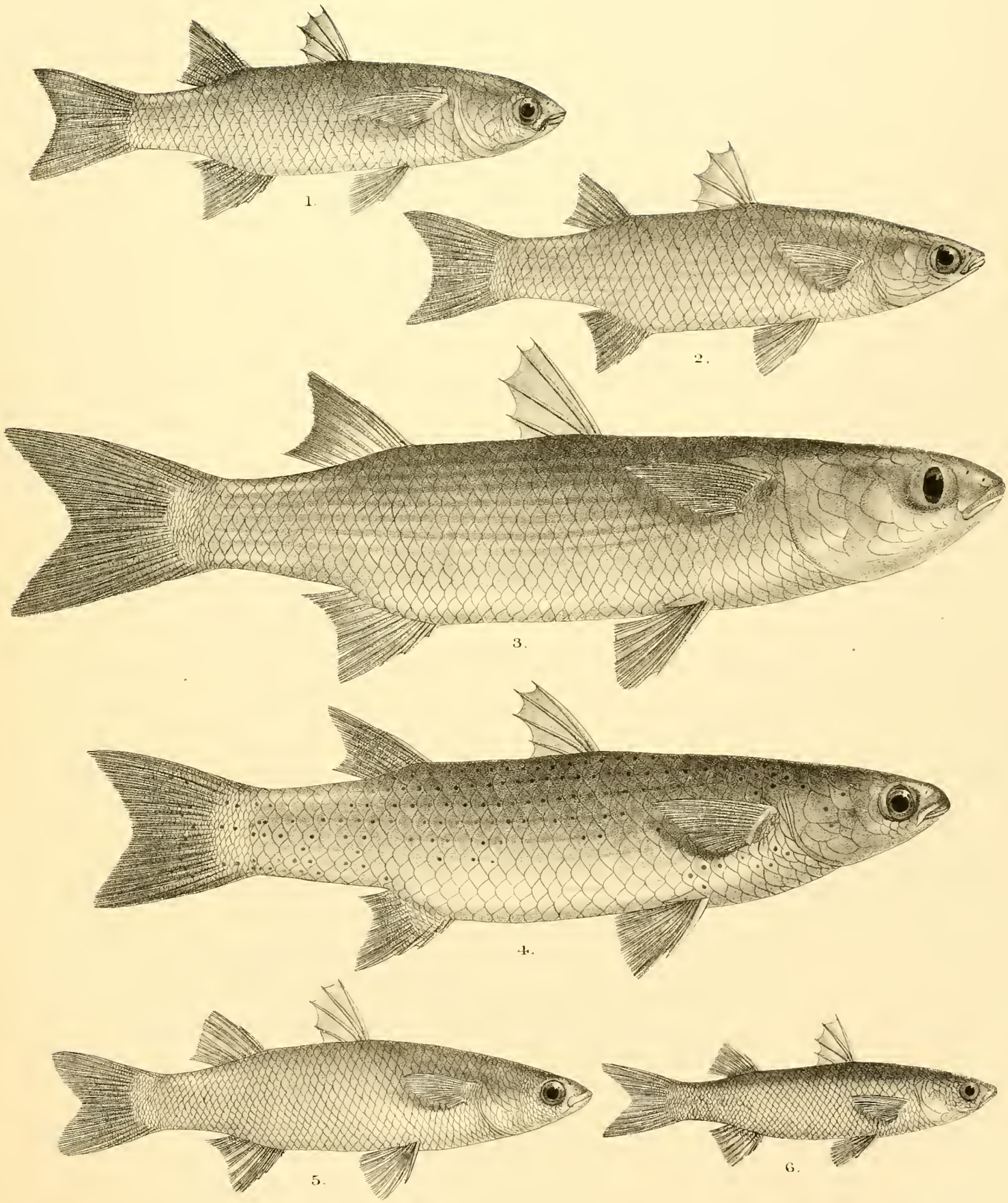

G H Ford del R Mintern lith

Mintern Bros imp

1, MUGIL KELAARTII. 2, M PARSIA. 3, M. OEUR. 4 M. POICILUS. 5 M HAMILTONII 6, M CASCASIA

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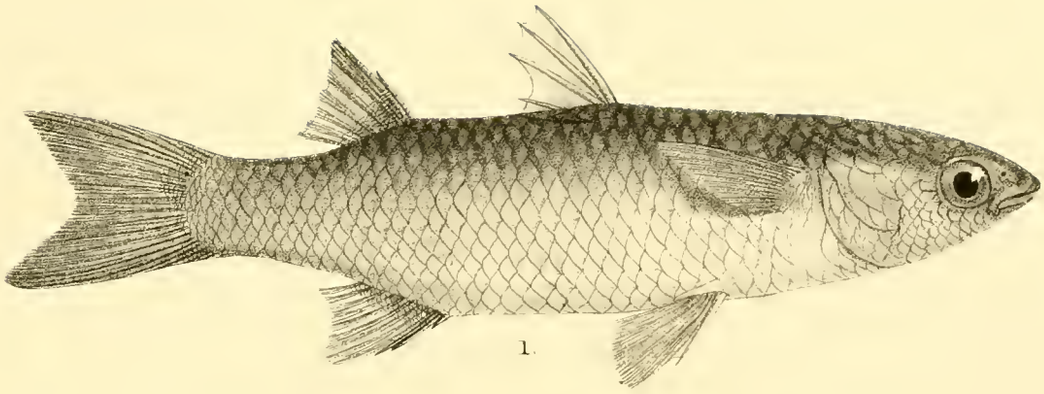

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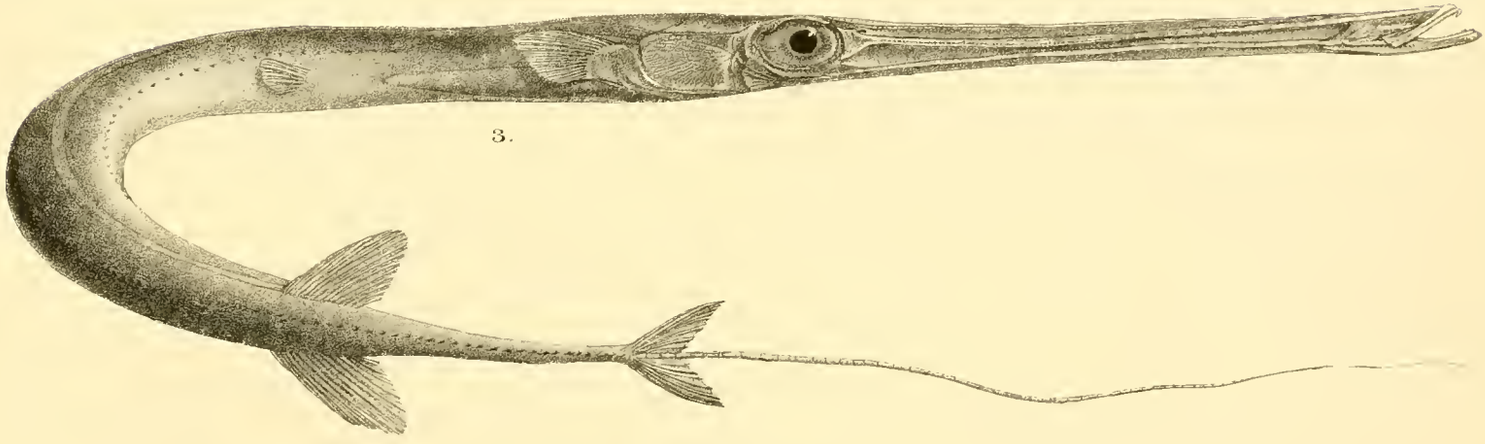

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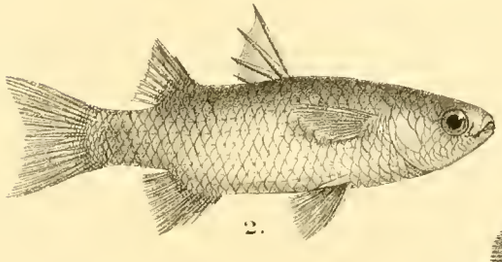

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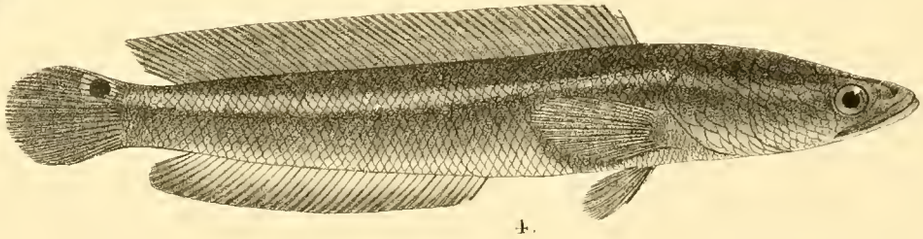

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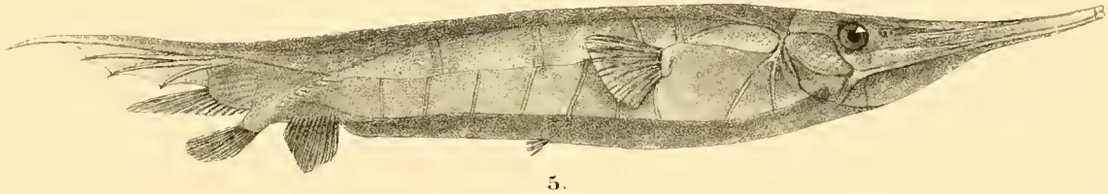

5.

G.H.Ford del R.Mintern lith

Mintern Bros imp

1. MUGIL BORNEENSIS 2. M. OLIGOLEPIS 3. FISTULARIA SERRATA 4. OPHIOCEPHALUS MARULIUS (YOUNG.)
5. AMPHISILE SCUTATA.

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U.S.A.

W.H.Ford del. Gazzard lith. Mintern Bros. imp.

1, OPHIOCEPHALUS LEUCOPUNCTATUS. 2, O. BARCA 3, O. STEWARTII. 4, O. MICROPELTES.

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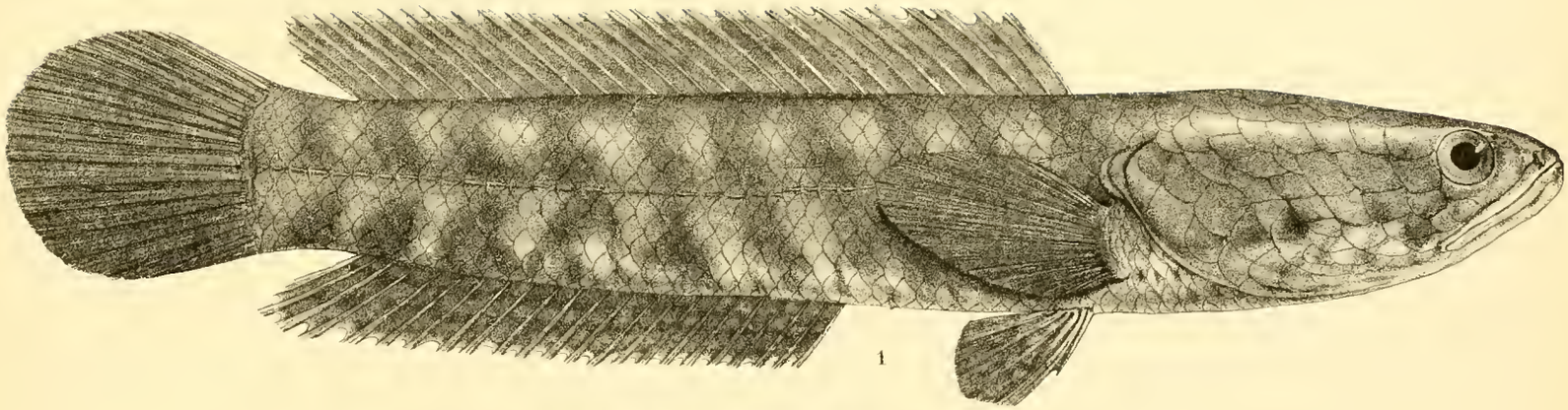
CAMBRIDGE, MA USA



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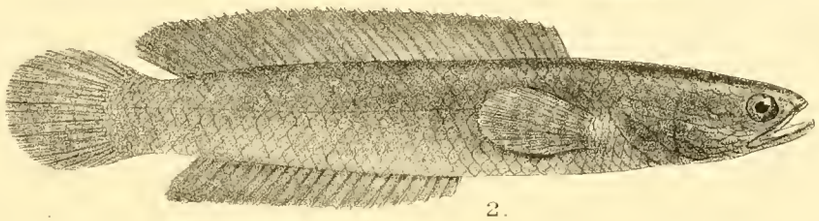

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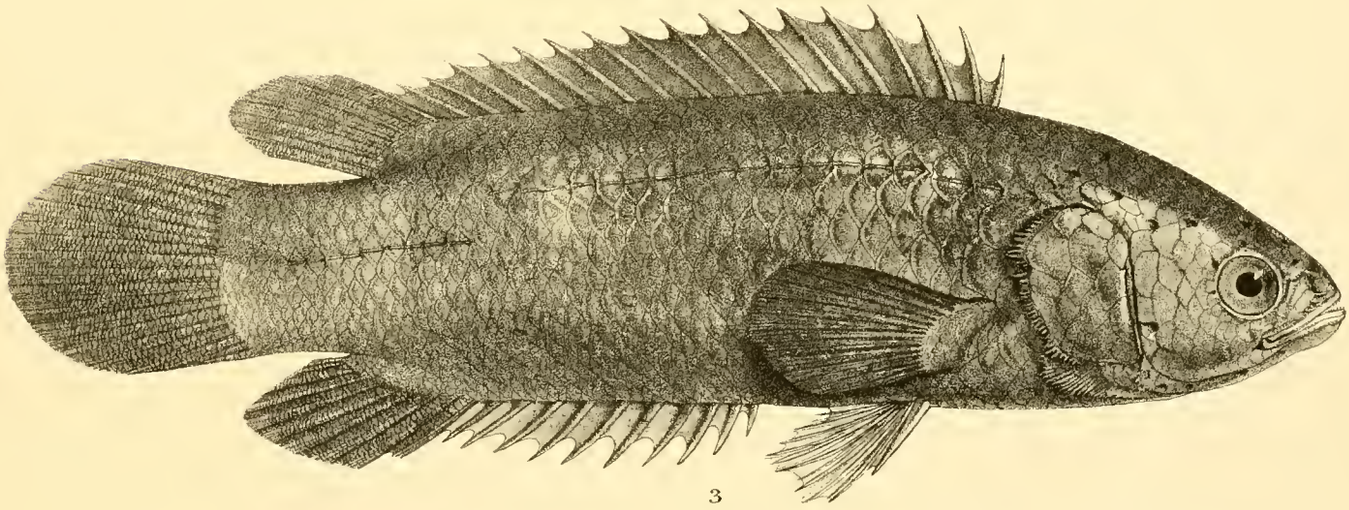

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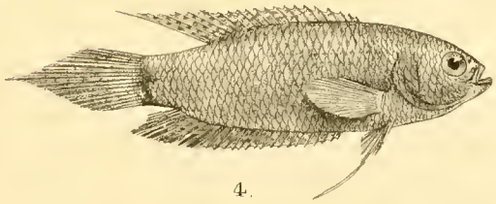

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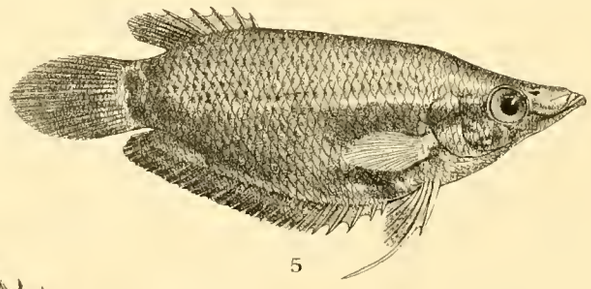

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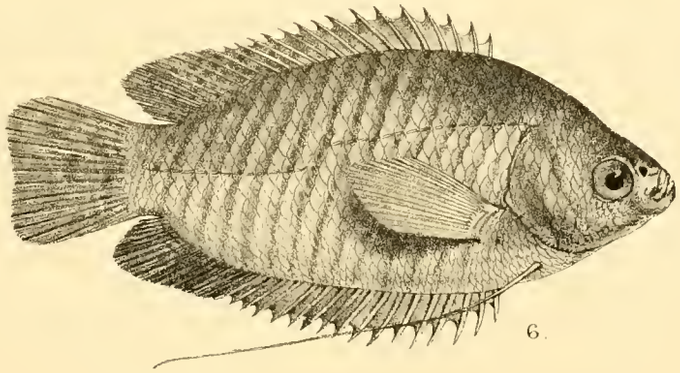

6.

G.H.Ford del. R. Masterman lith

Masterman Bros imp

1 OPHIOCEPHALUS PUNCTATUS (VARIETY) 2, CHANNA ORIENTALIS. 3 ANABAS SCANDENS.
4. POLYACANTHUS CUPANUS 5. OSPHROMENUS NOBILIS. 6. TRICHOGASTER FASCIATA

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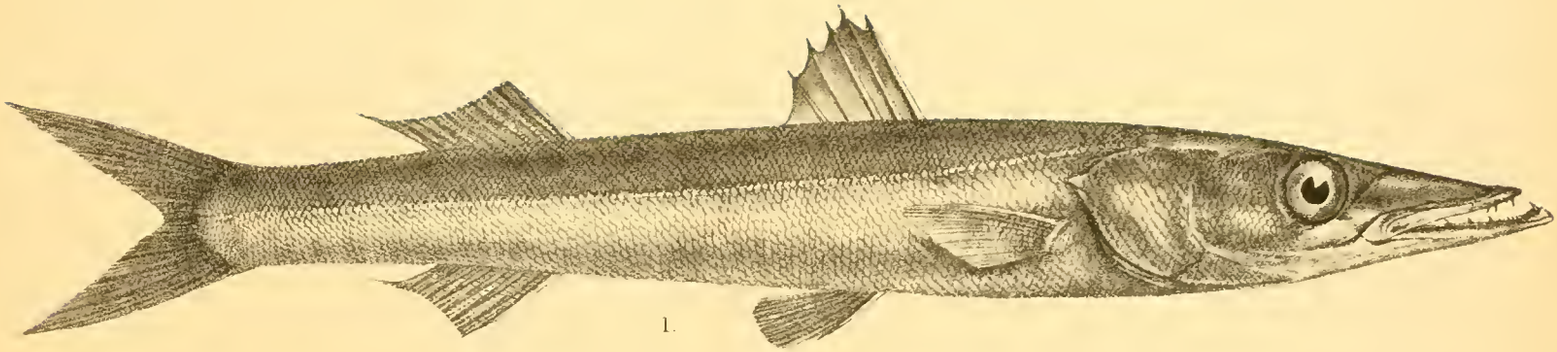
UNIVERSITY
MA USA



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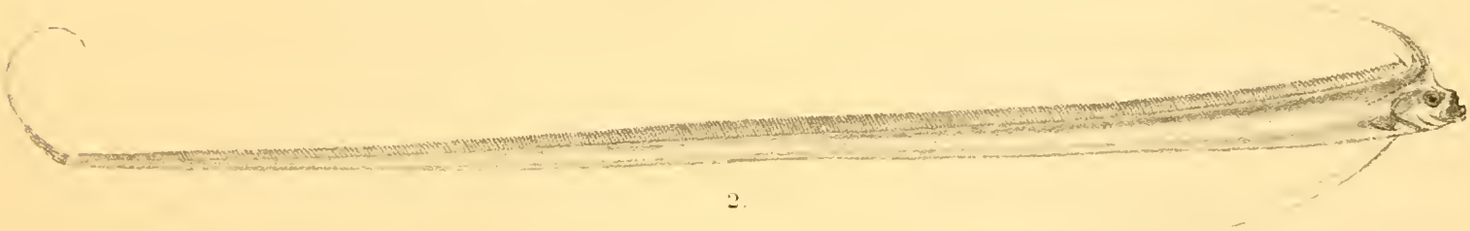

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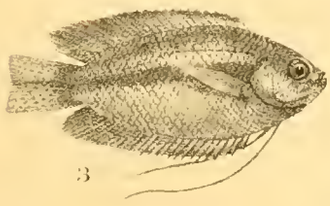

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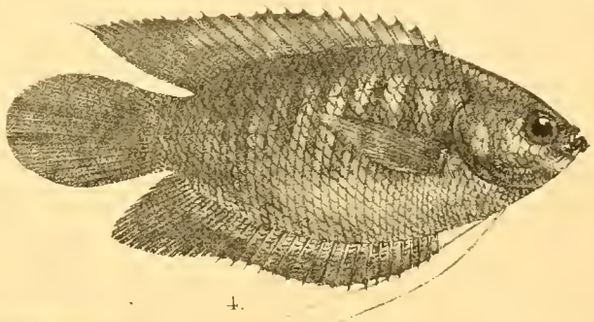

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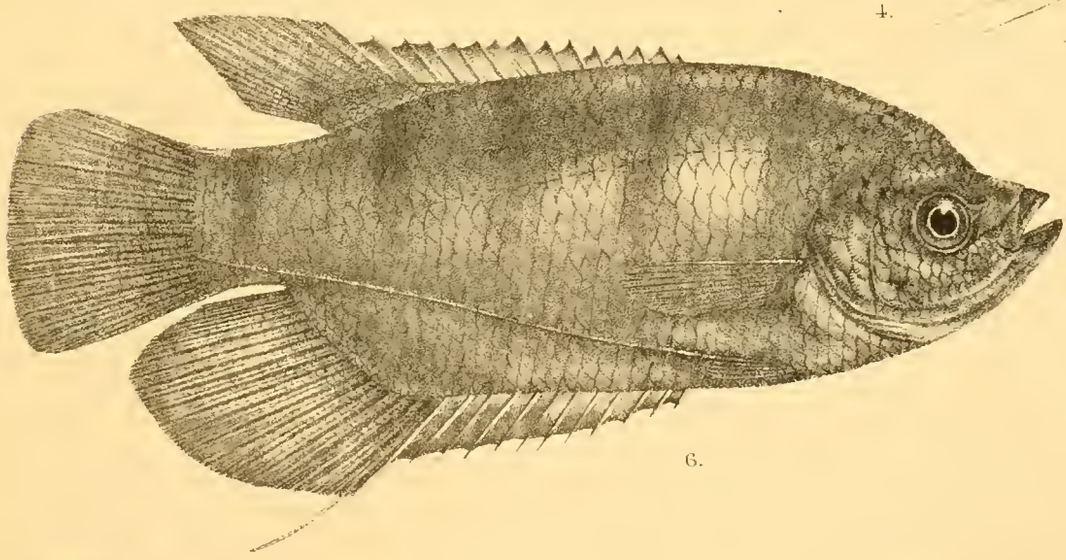

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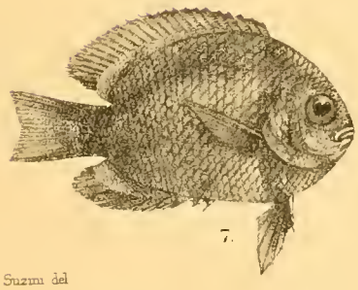

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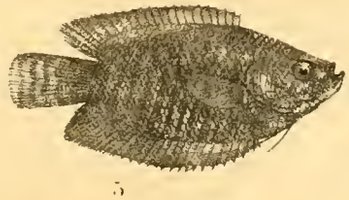

5.

F Day & Suzuki del

Mintern Bros imp

1. SPHYRÆNA ACUTIPINNIS. 2. REGALECUS RUSSELLII 3. TRICHOGASTER CHUNA 4. T. LABIOSUS.
5. T. LALIUS. 6. OSPHROMENUS OLFAX 7. TETRADRACHMUM MARGINATUM.

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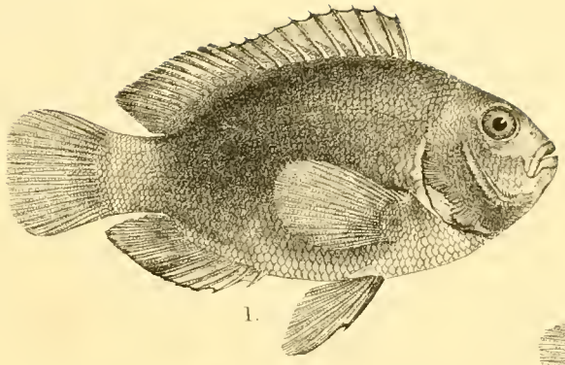
MA USA



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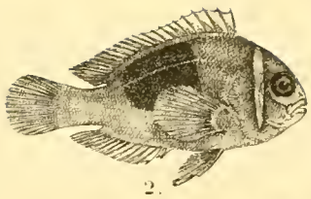

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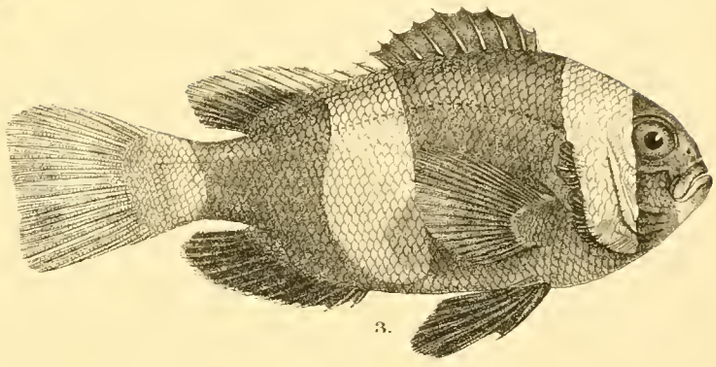

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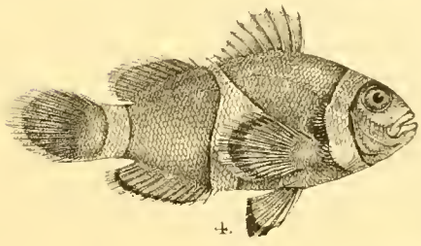

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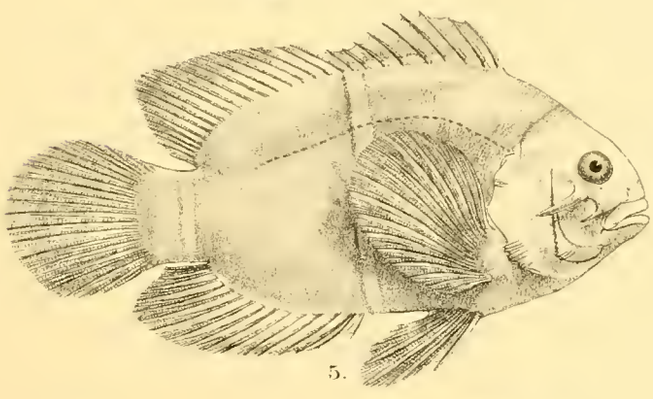

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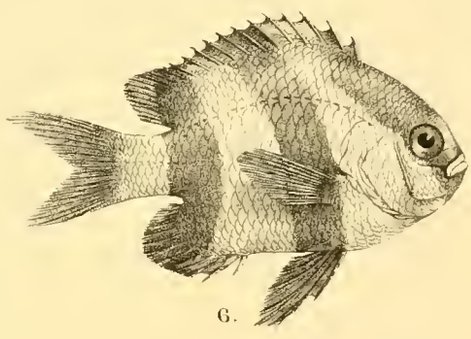

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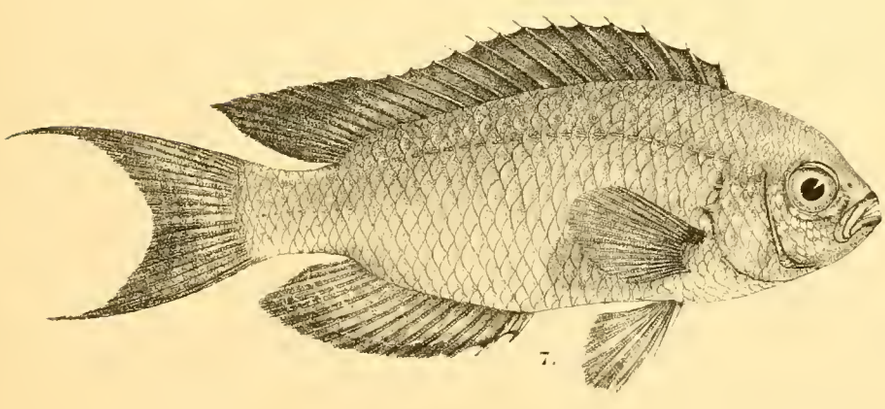

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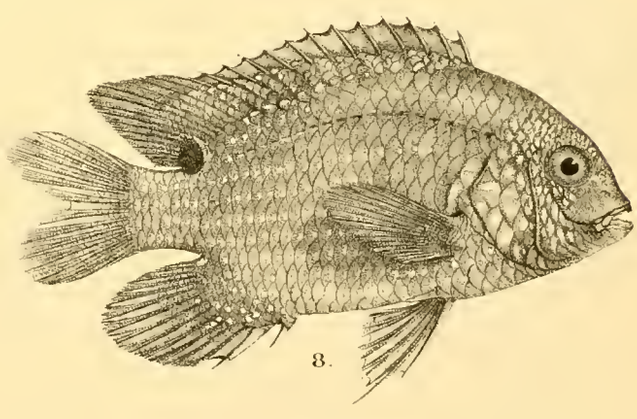

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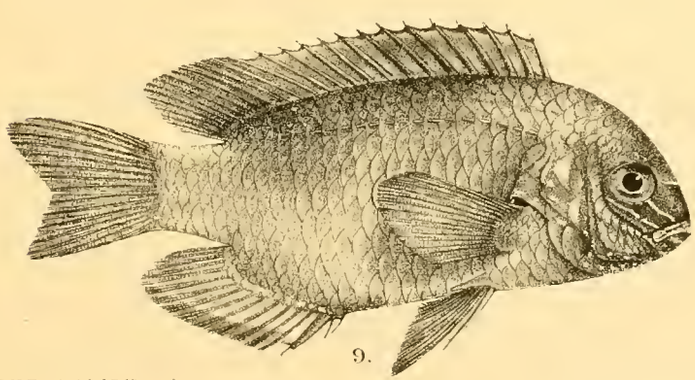

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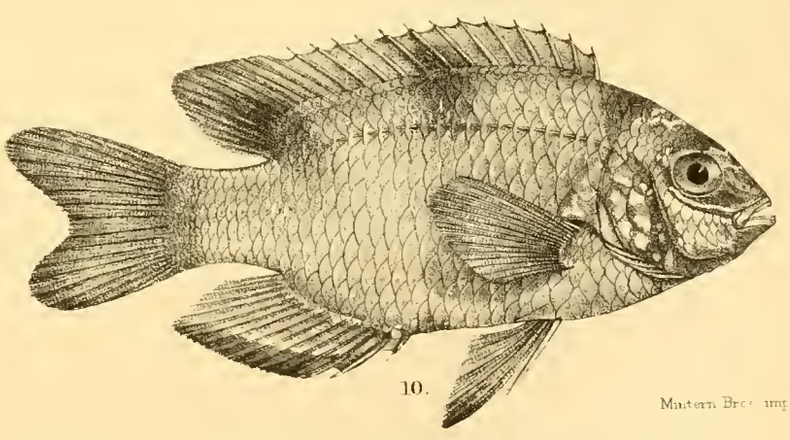

10.

G H Ford del J R King ith

Mintern Bros imp

1, AMPHIPRION EPHIPPIUM 2, A FRENATUS 3, A SEBÆ 4, A PERCULA 5, PREMNAS BIACULEATUS
6, TETRADRACHMUM ARUANUM. 7, POMACENTRUS JERDONI 8, P, PUNCTATUS
9, P ALBOFASCIATUS 10, P TRIMACULATUS.

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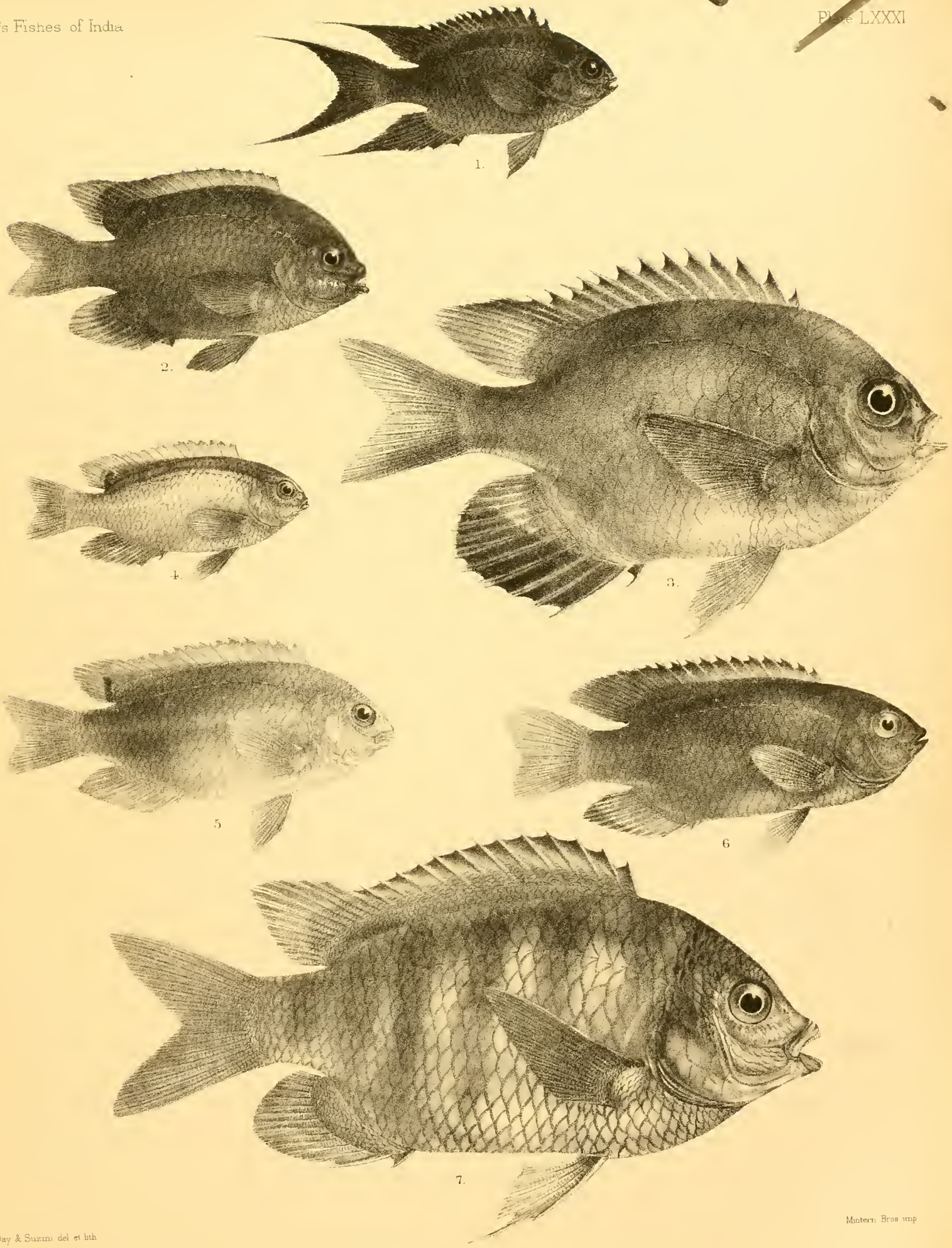
CAMBRIDGE, MA USA

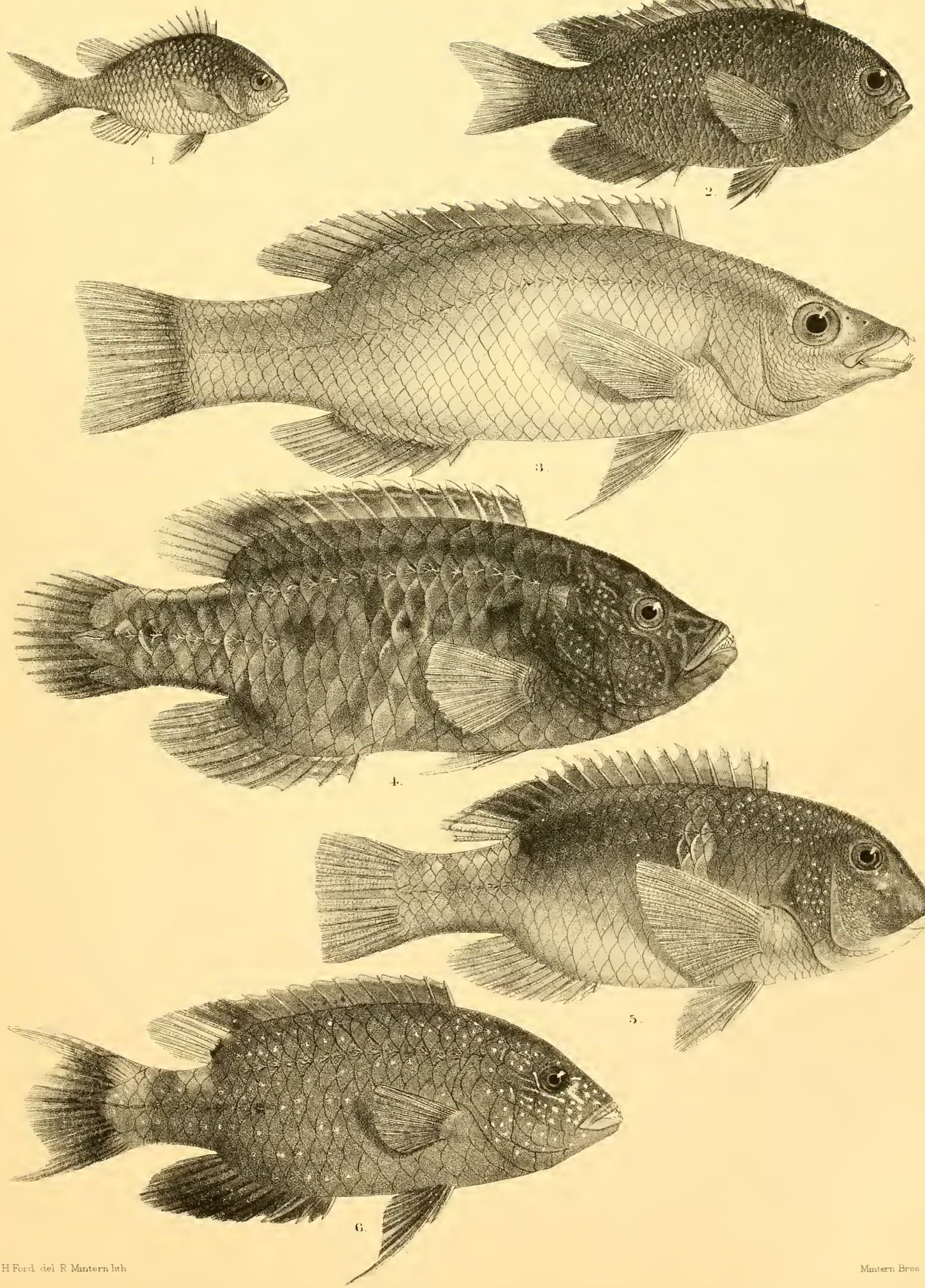


F Day & Suzuki del et lith

Mintern Bros imp

1, GLYPHIDODON COCHINENSIS. 2, POMACENTRUS LABIOSUS. 3, GLYPHIDODON LEUCOGASTER
4. & 5, G. ANTJERIUS 6, G MODESTUS 7, G SEPTEMFASCIATUS.

RY
HA[illegible]ERSITY
C[illegible]MA USA



G H Ford del R Mintern lith

Mintern Bros imp

1, HELIASTES LEPIDURUS. 2, GLYPHIDODON SINDENSIS 3, COSSYPHUS AXILLARIS (VAR)
4, CHEILINUS TRILOBATUS. 5, CHÆROPS ANCHORAGO. 6, CHEILINUS CHLORURUS.

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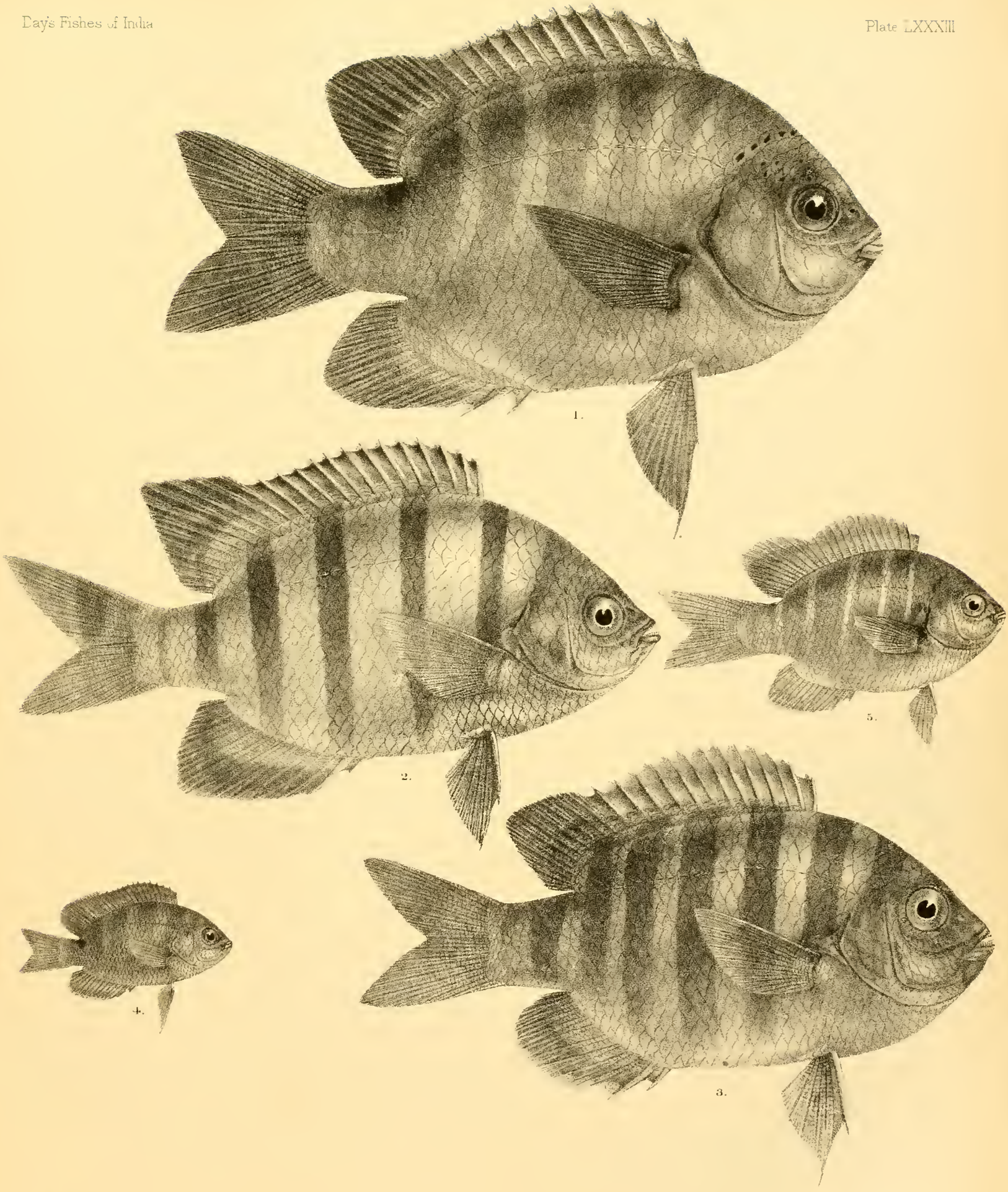
CAMBRIDGE, MA USA



Mintern ath.

Mintern Bros imp

GLYPHIDODON SORDIDUS. 2. G CÆLESTINUS 3. G BENGALENSIS. 4. G LEUCOPLEURA
5. G. NOTATUS

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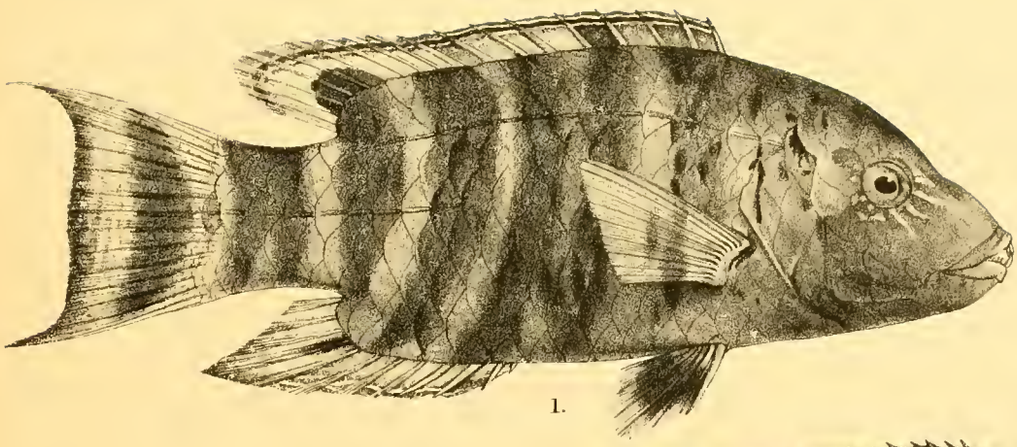
CAMBRIDGE, MA USA



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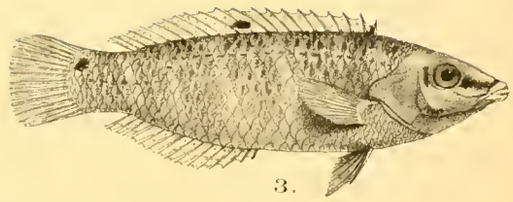

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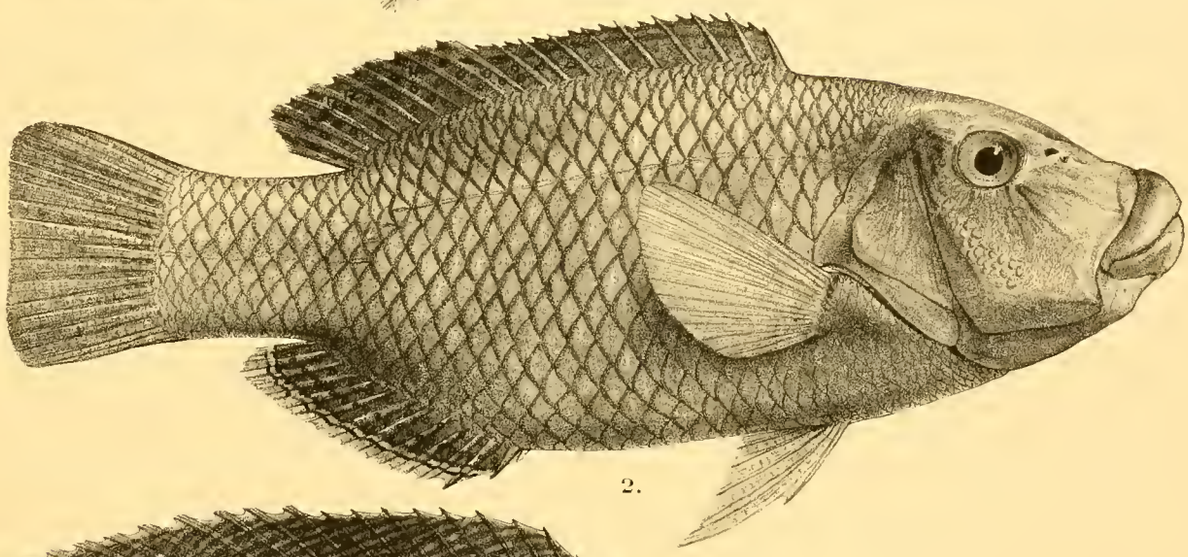

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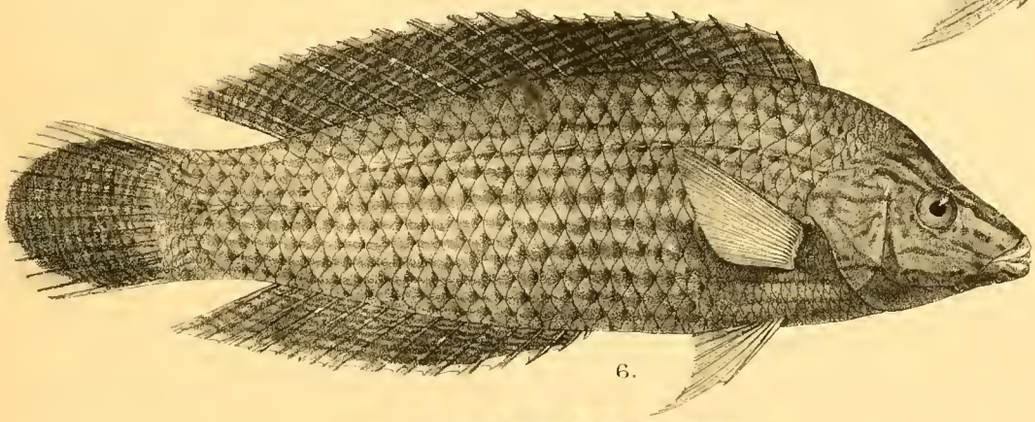

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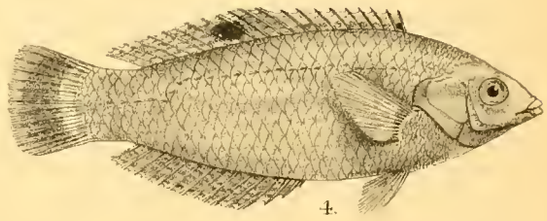

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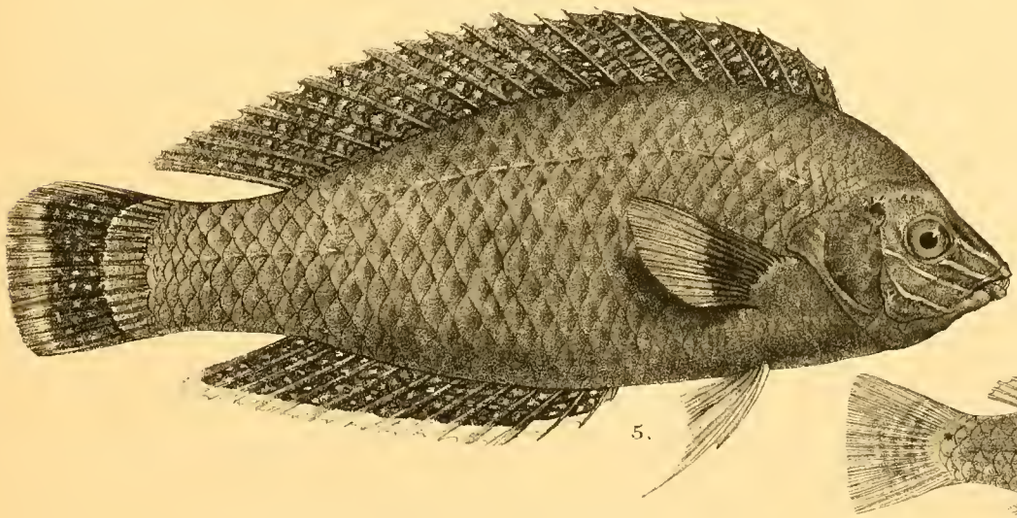

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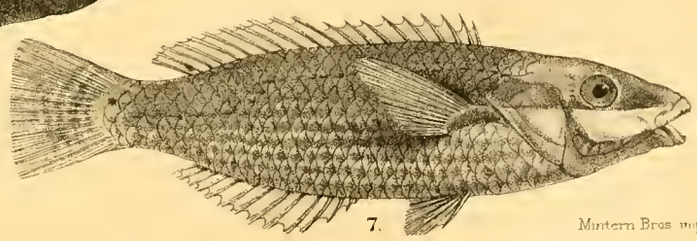

7.

R Mintern del et lith

Mintern Bros imp

1, CHEILINUS FASCIATUS. 2, HEMIGYMNUS MELAPTERUS. 3, PLATYGLOSSUS LEPARENSIS. 4, P. NOTOPSIS.
5, P. MARGINATUS. 6, P. MARGINATUS (VARIETY.) 7. STETHOJULIS STRIGIVENTER.

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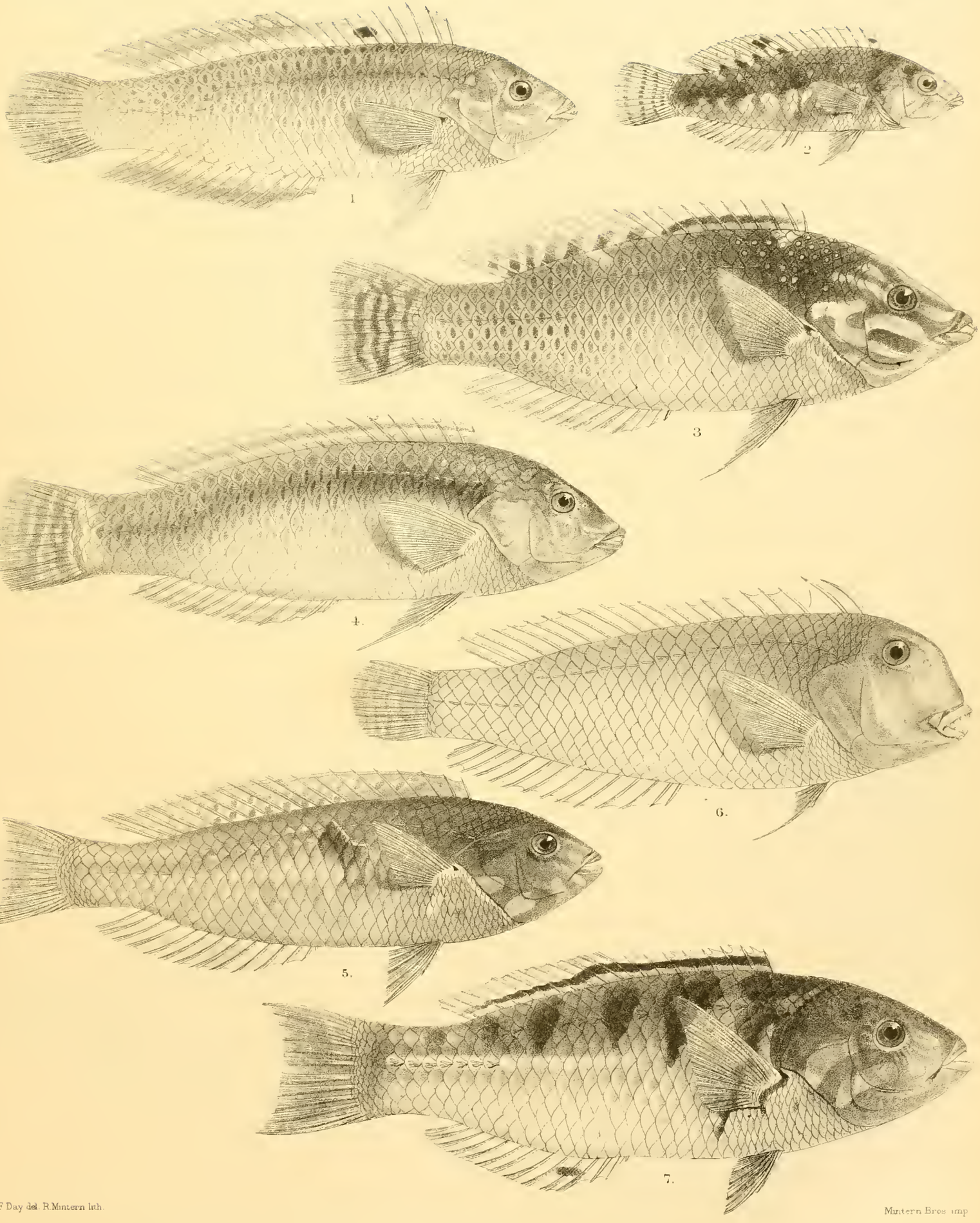
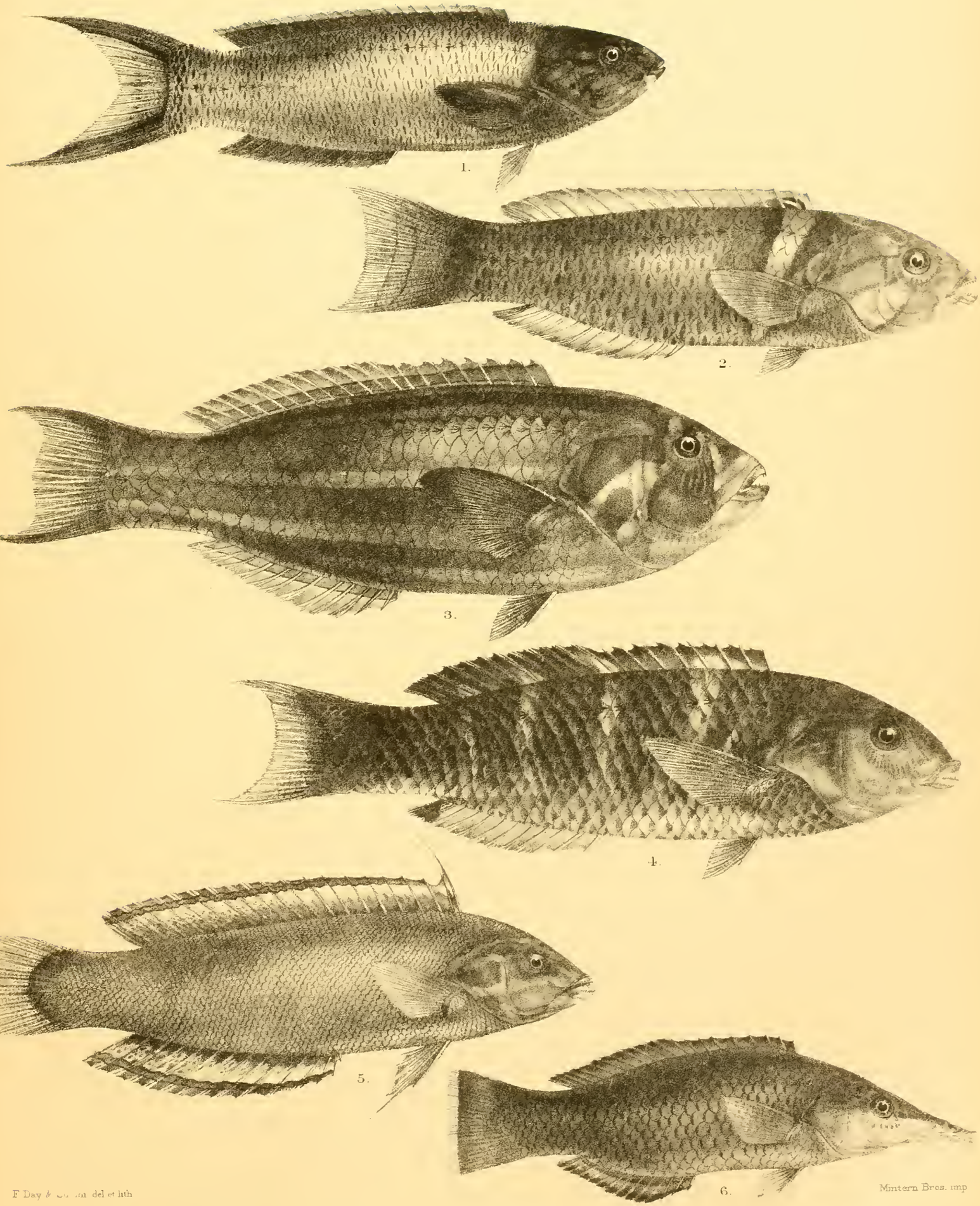
CAMBRIDGE, MASSA



F Day del. R.Mintern lith.

Mintern Bros. imp.

1, PLATYGLOSSUS DUSSUMIERI. 2, P. NEBULOSUS. 3, P. HORTULANUS 4, P SCAPULARIS
5, P BIMACULATUS 6, NOVACULA RUFA 7 JULIS DORSALIS.



F Day & Co.m del et lith

Mintern Bros. imp

1, JULIS [illegible]ARIS 2, J HEBRAICA 3, J PURPUREA 4, J JANSENI 5, CORIS FORMOSA
6, GOMPHOSUS PECTORALIS.

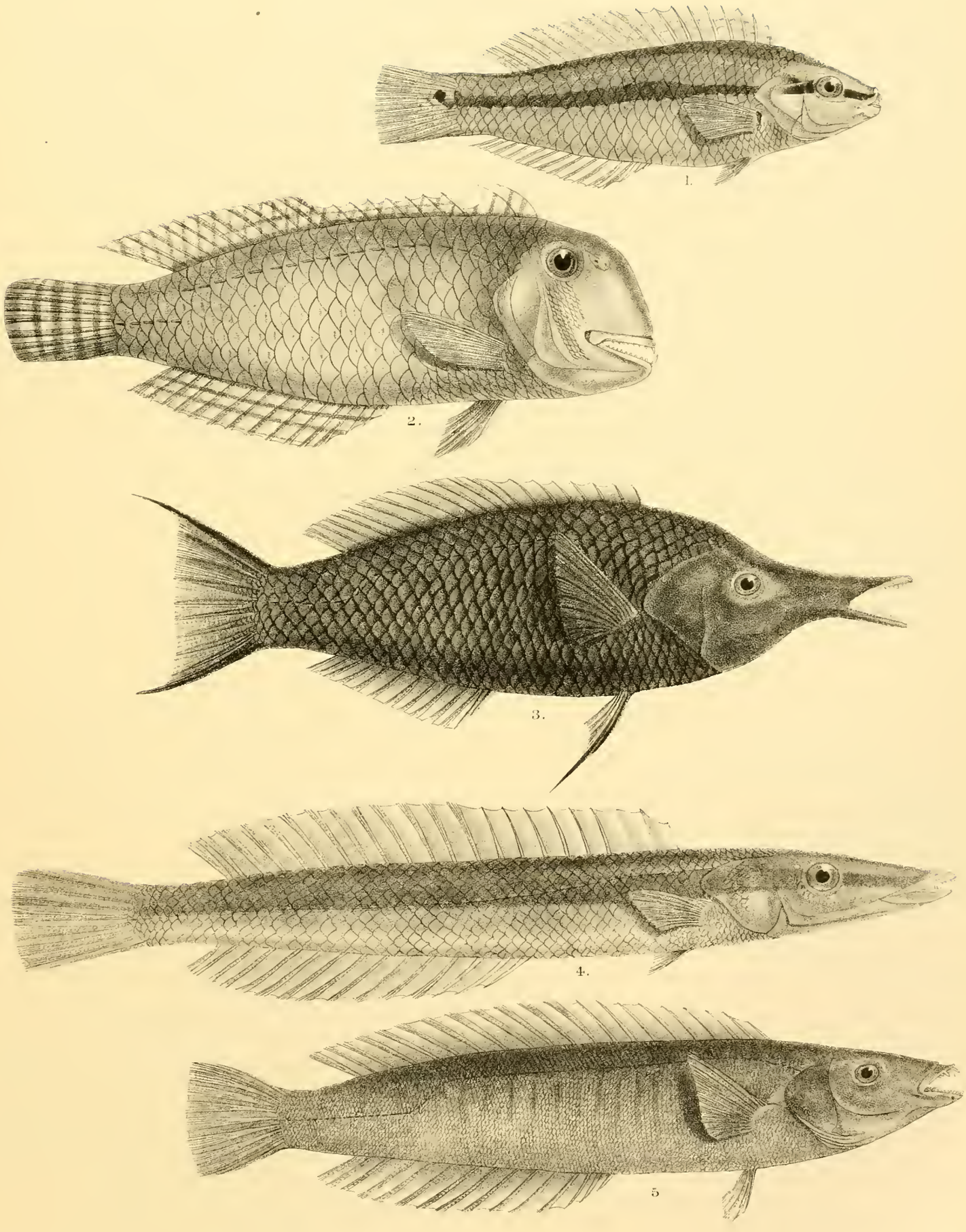
M[illegible]
H[illegible]ITY
C[illegible] USA

R.Mintern del et lith

Mintern Bros imp

1, LABROIDES DIMIDIATUS 2, EPIBULUS STRIATUS. 3, OSSYPHUS DIANA. 4, ANAMPSES CÆRULEOPUNCTATUS
5, SCARICHTHYS CÆRULEOPUNCTATUS 6, PSEUDOSCARUS RIVULATUS.

HARVARD UNIVERSITY
CAMBRIDGE, MA USA



R. Mintern del. et lith.

Mintern Bros. imp.

1, PLATYGLOSSUS HYRTLII. 2, NOVACULA PUNCTULATA. 3, GOMPHOSUS CÆRULEUS.
4, CHEILIO INERMIS. 5, CORIS AYGULA.

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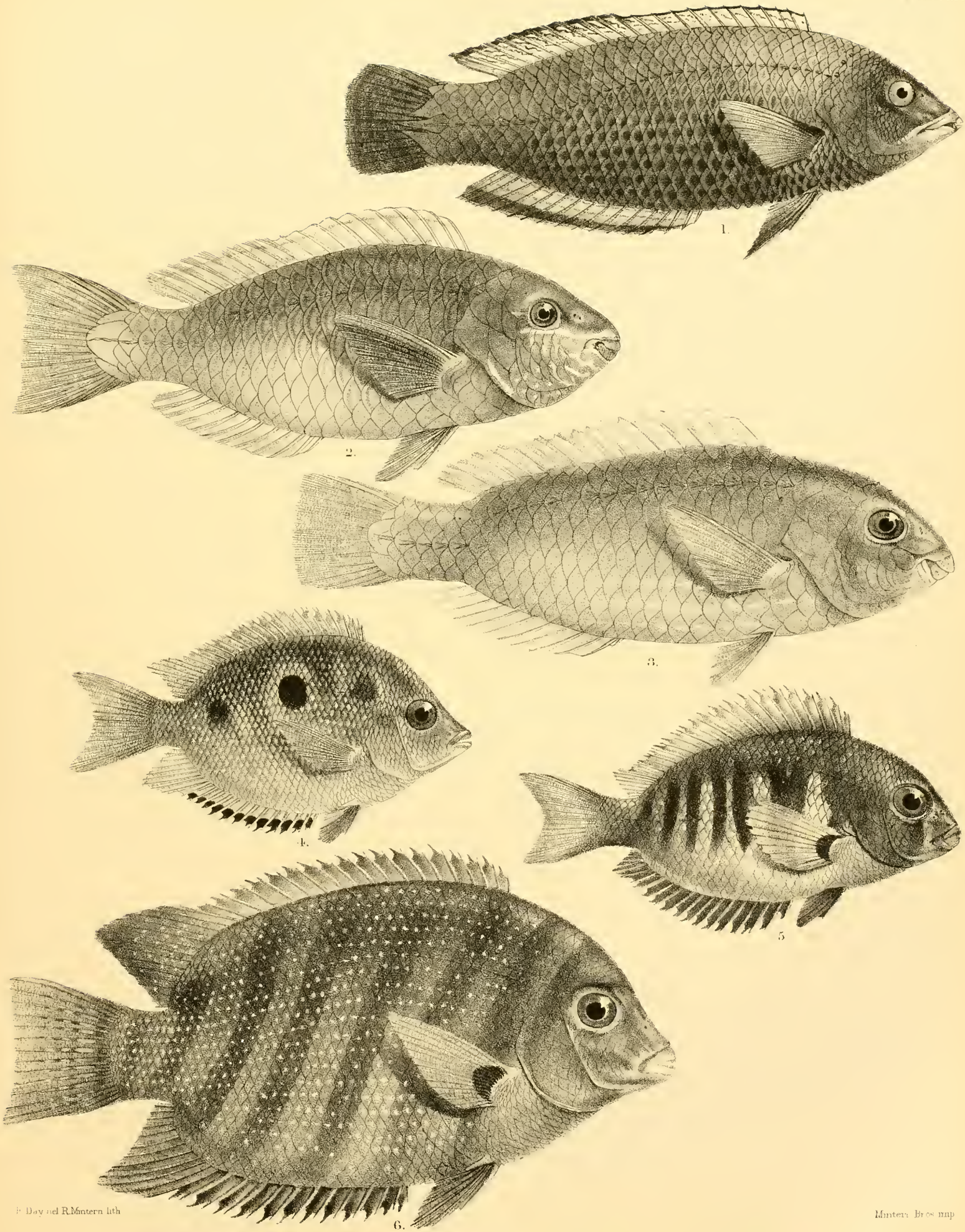

F. Day del. R.Mintern lith

Mintern Bros imp

1, PSEUDODAX MOLUCCANUS. 2, PSEUDOSCARUS CHRYSOPOMA. 3, P. ÆRUGINOSUS.
4, ETROPLUS MACULATUS. 5, E. CANARENSIS. 6, E. SURATENSIS.

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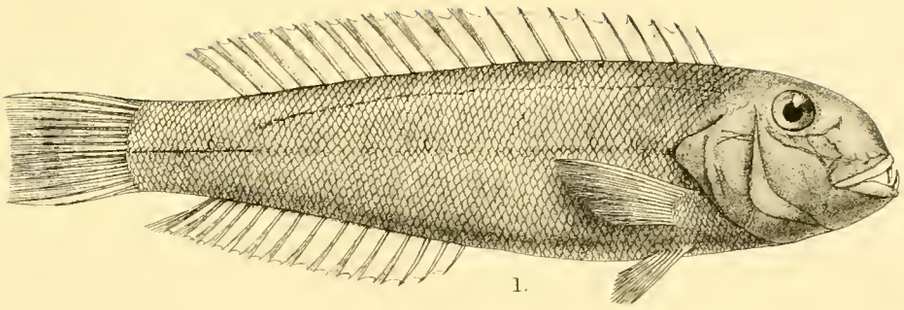

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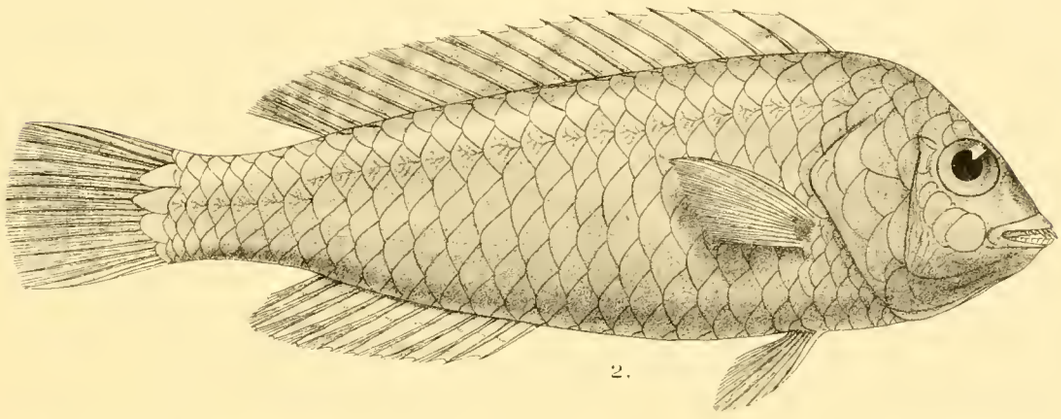

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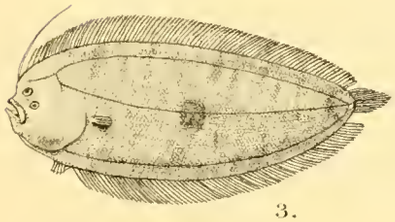

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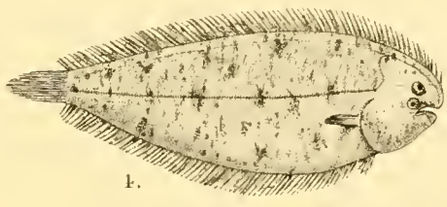

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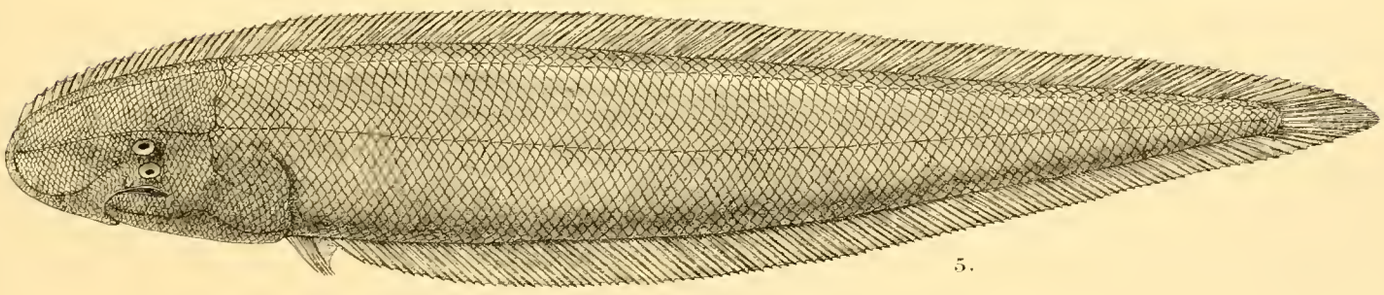

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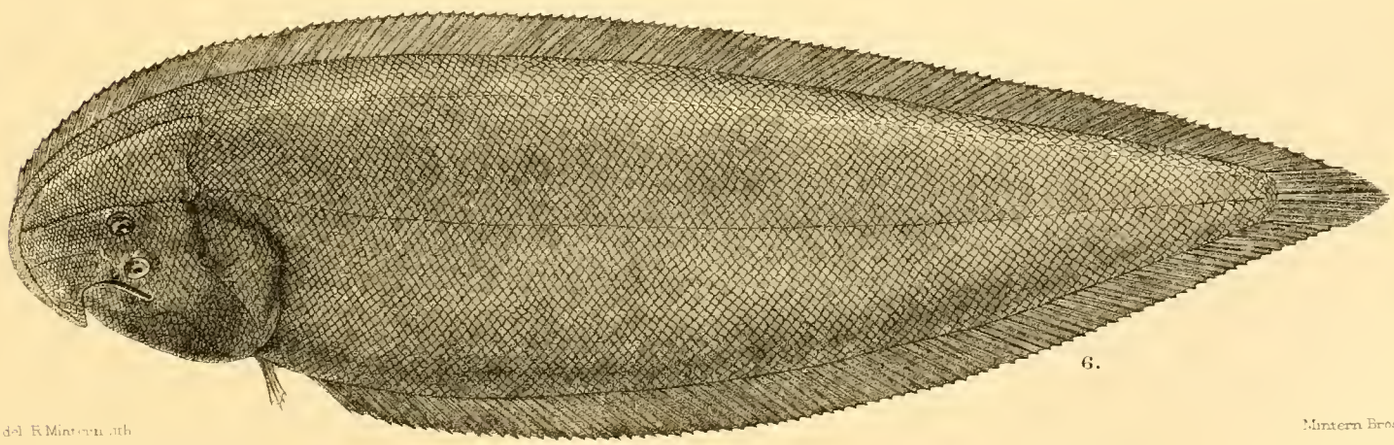

6.

F Day del. R.Mintern lith. Mintern Bros. imp.

1, CYNOGLOSSUS PRÆTEXTATUS. 2. CALLYODON VIRIDESCENS. 3. CITHARICHTHYS AUREUS.
4, SOLEA ELONGATA. 5, CYNOGLOSSUS ELONGATUS. 6, C. SINDENSIS.

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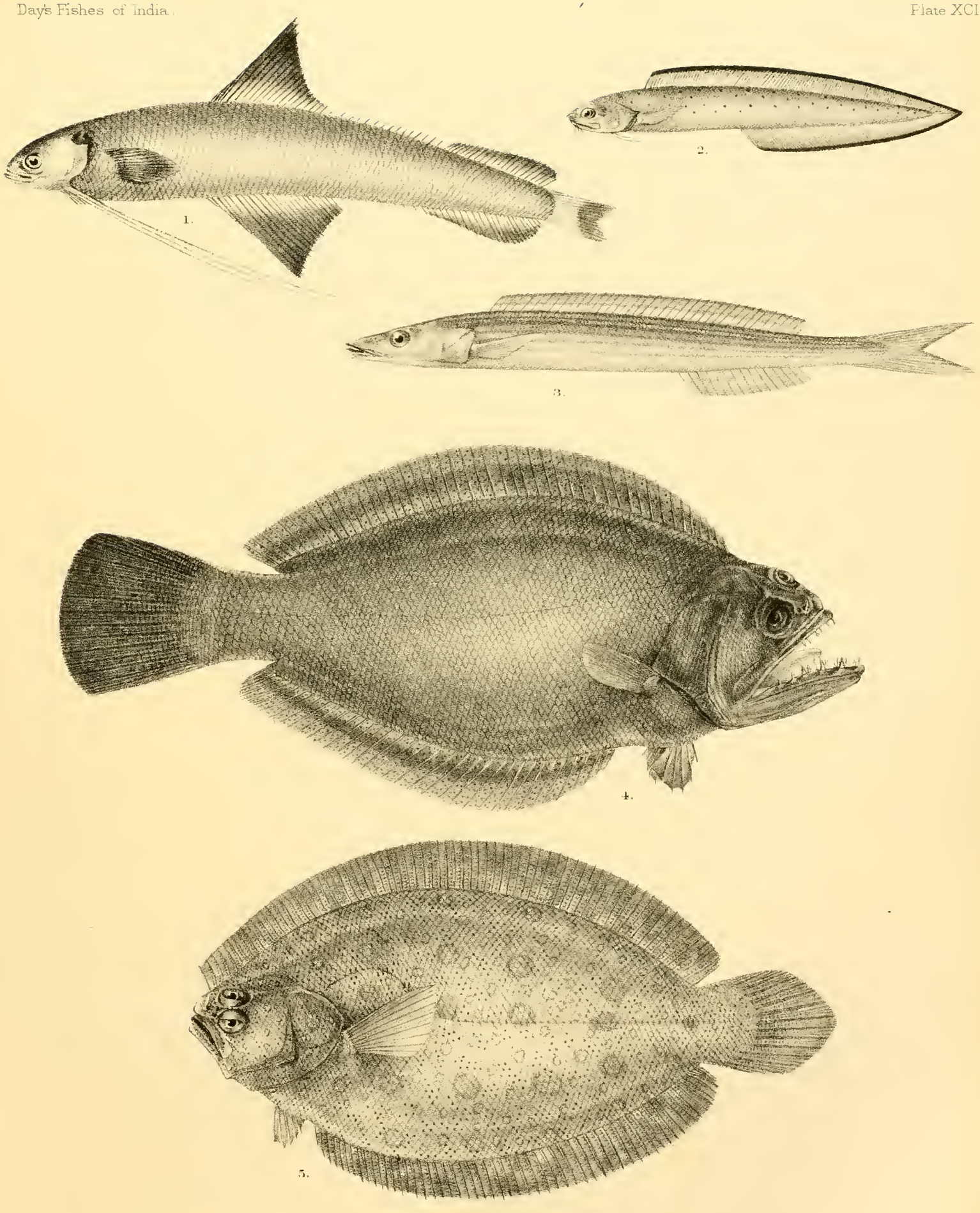

Suzuni lith Mintern Bros. imp

1, BREGMACEROS ATRIPINNIS 2 BROTULA MACULATA 3, AMMODYTES KALLOLEPIS
4, PSETTODES ERUMEI. 5, PSEUDORHOMBUS ARSIUS.

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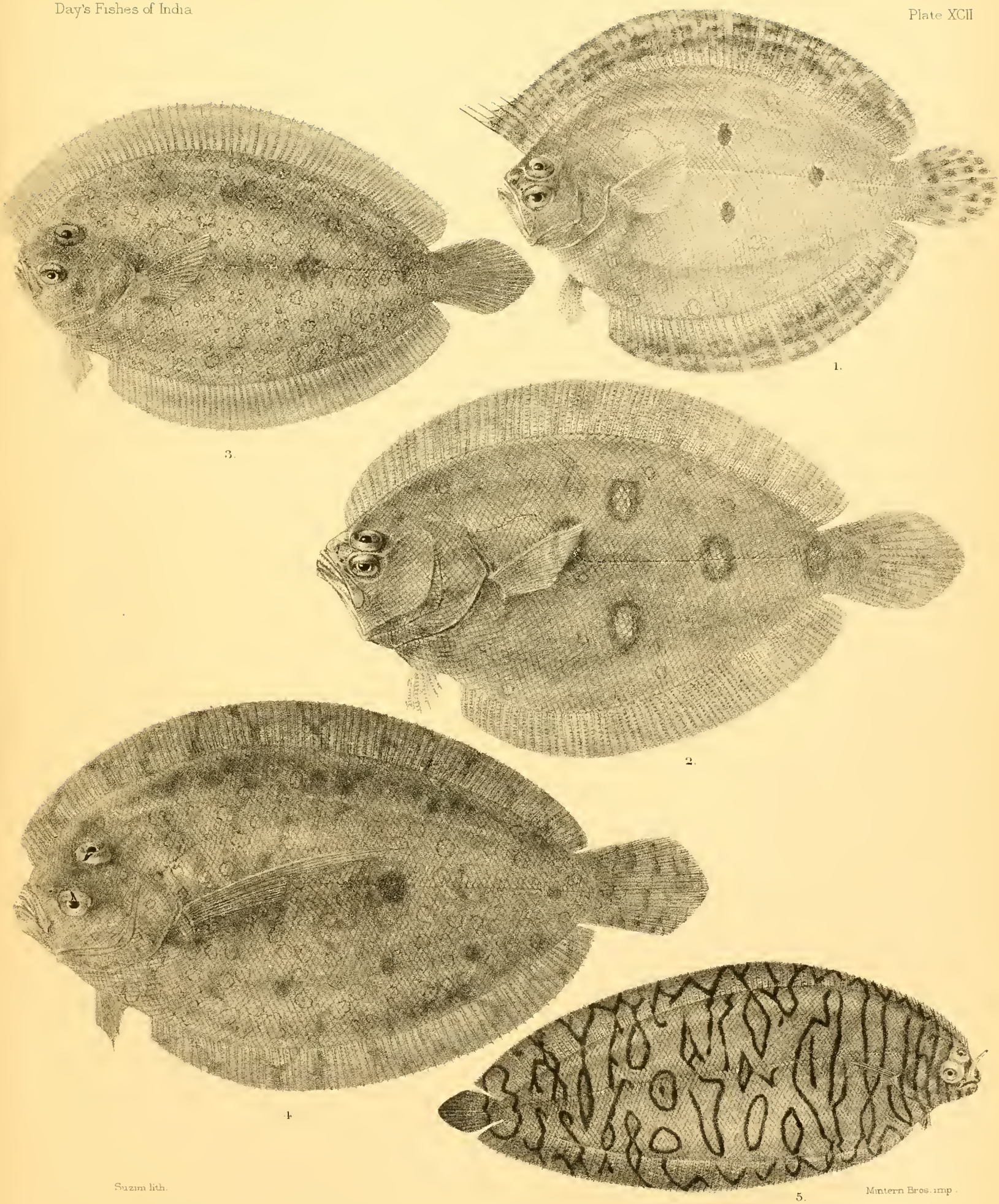
CAMBRIDGE, MASS., U.S.A.



1.

3.

2.

4

5.

Suzim lith.

Mintern Bros. imp.

1, PSEUDORHOMBUS TRIOCELLATUS. 2, P. JAVANICUS 3,& 4, PLATOPHRYS PANTHERINUS.
5, SOLEA HETERORHINA

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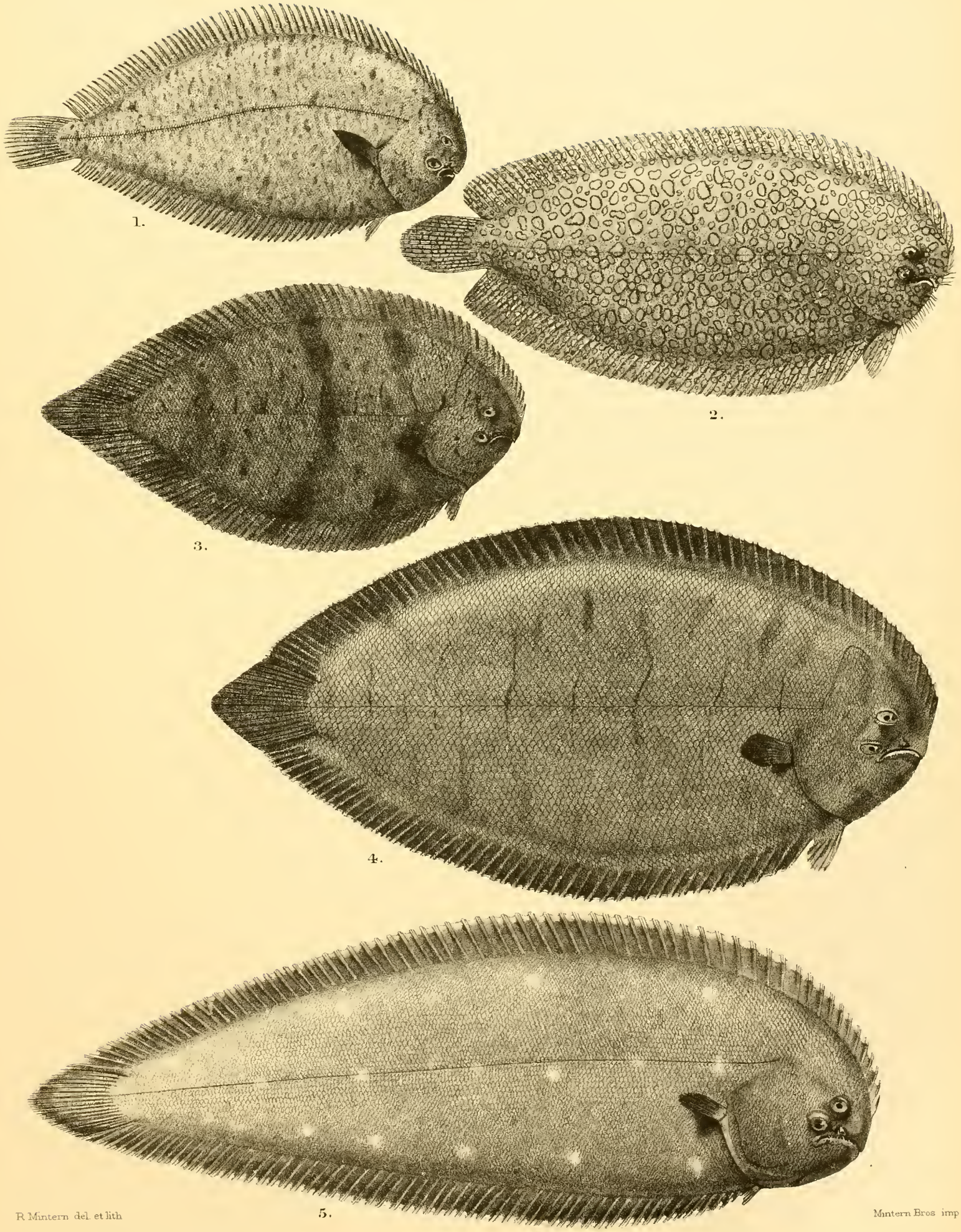

R. Mintern del. et lith

Mintern Bros. imp.

1, SOLEA OVATA. 2. ACHIRUS PAVONINUS. 3, SYNAPTURA PAN. 4. S. CINERASCENS.
5, S. ALBOMACULATA.

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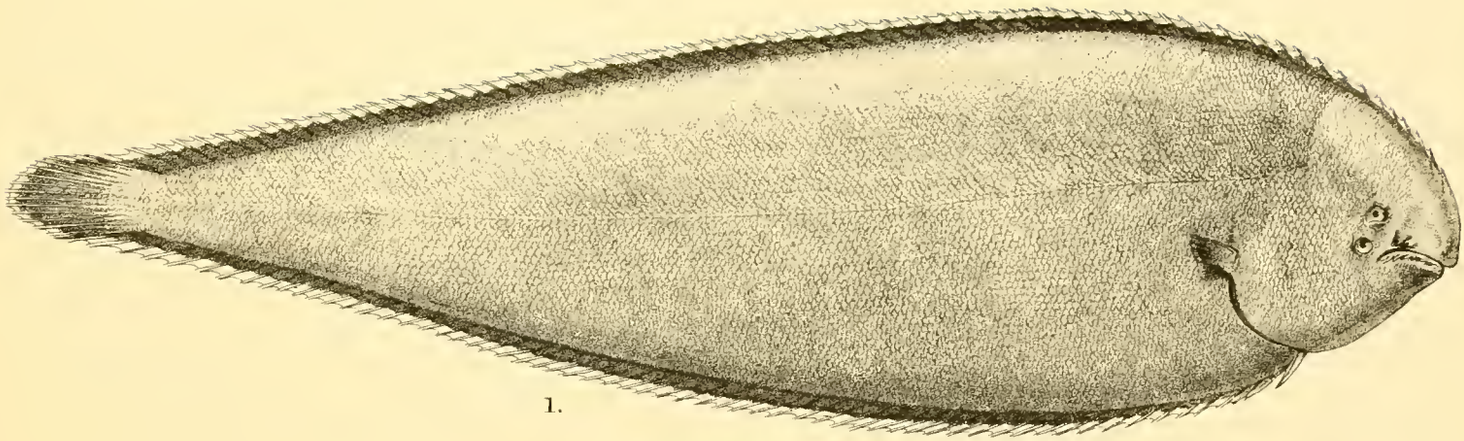

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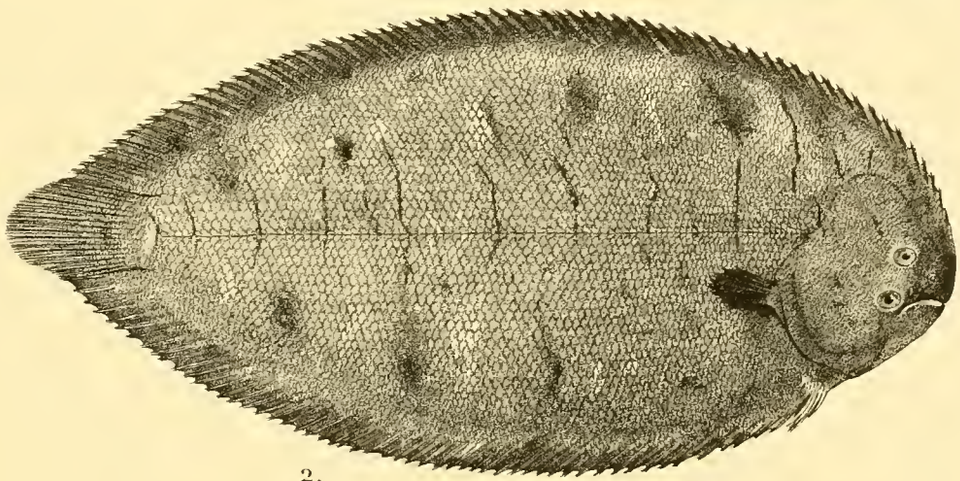

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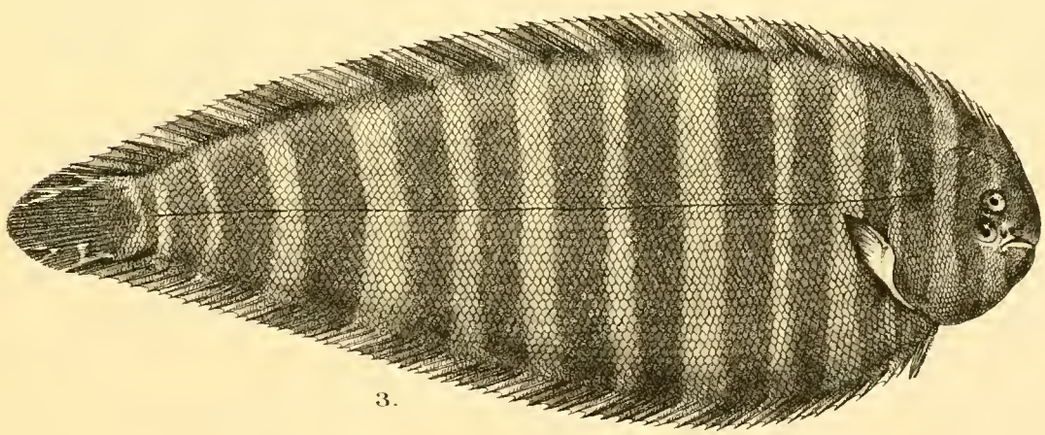

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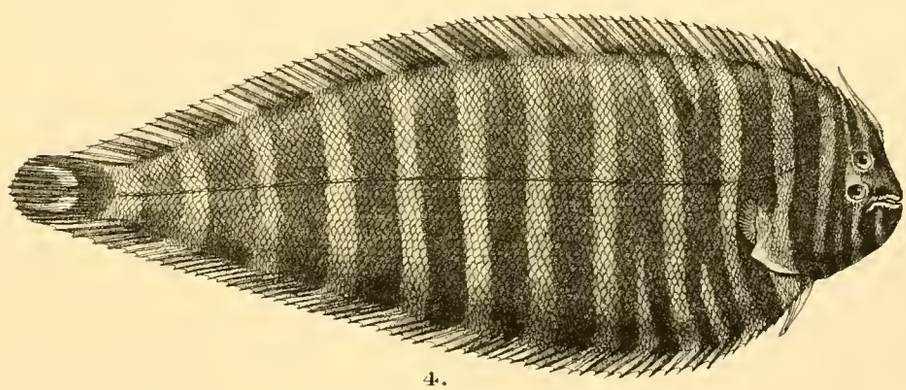
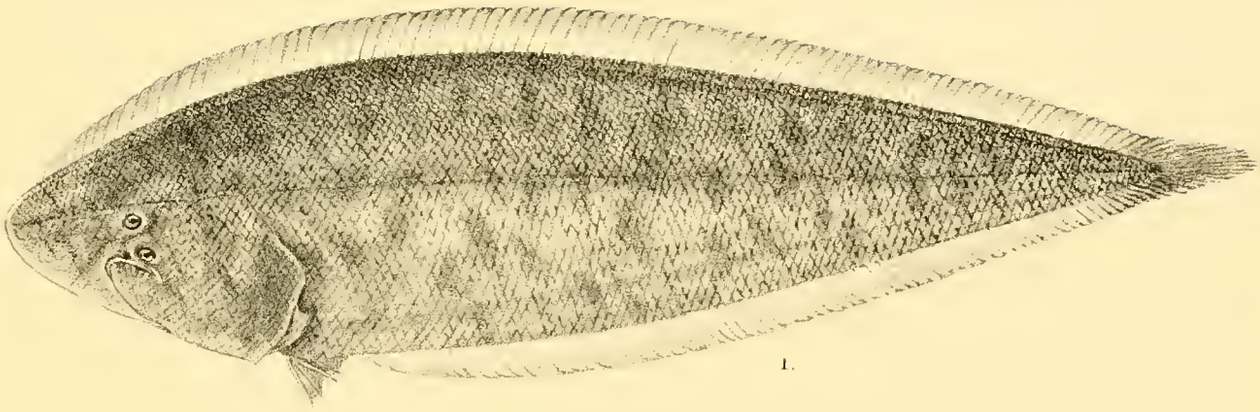


4.

R.Mintern del et lith. Mintern Bros. imp

1, SYNAPTURA COMMERSONIANA. 2, S. ORIENTALIS. 3, S. ZEBRA. 4, S. CORNUTA.

ARY
ERSITY
MA USA



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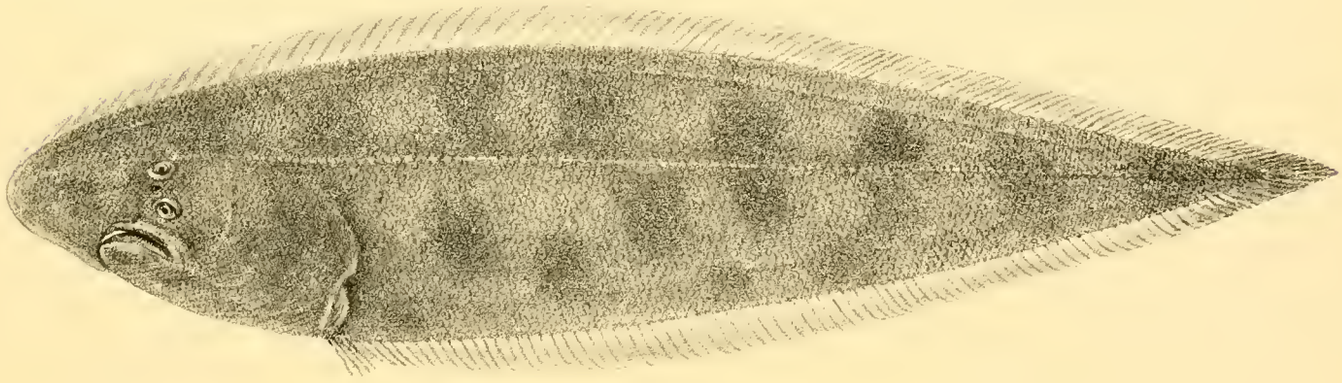

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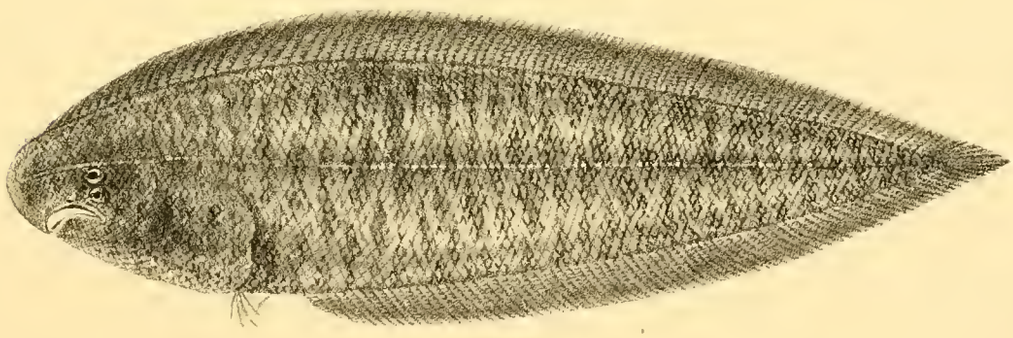

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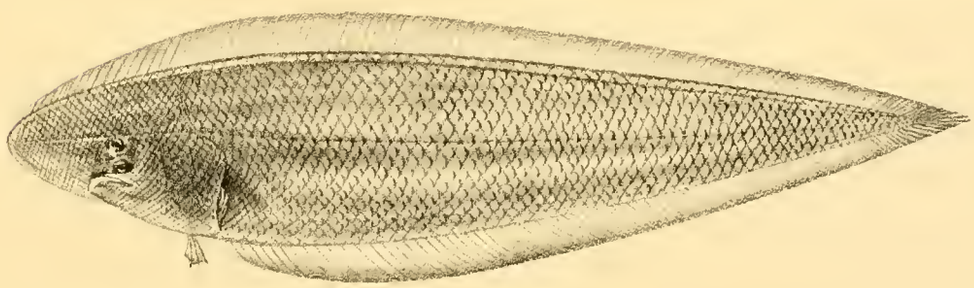

4.

Suzuki lith. Mintern Bros. imp.

1, PLAGUSIA MARMORATA. 2, CYNOGLOSSUS DUBIUS. 3, C. HAMILTONII. 4, C. OLIGOLEPIS.

Y
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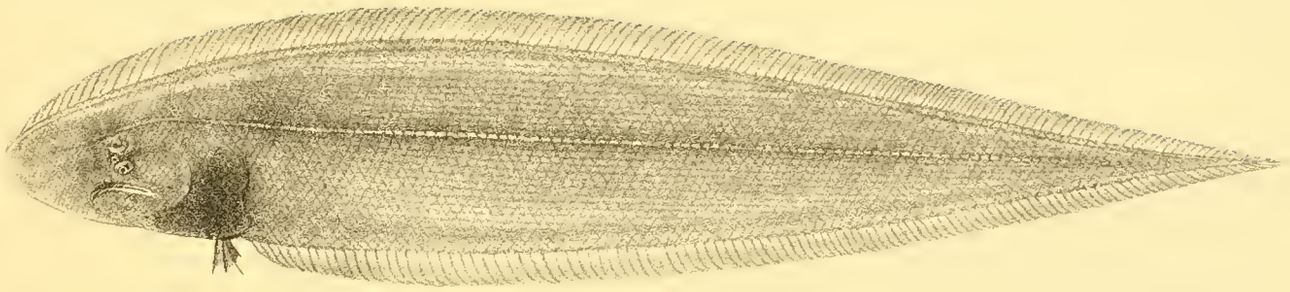
MA USA



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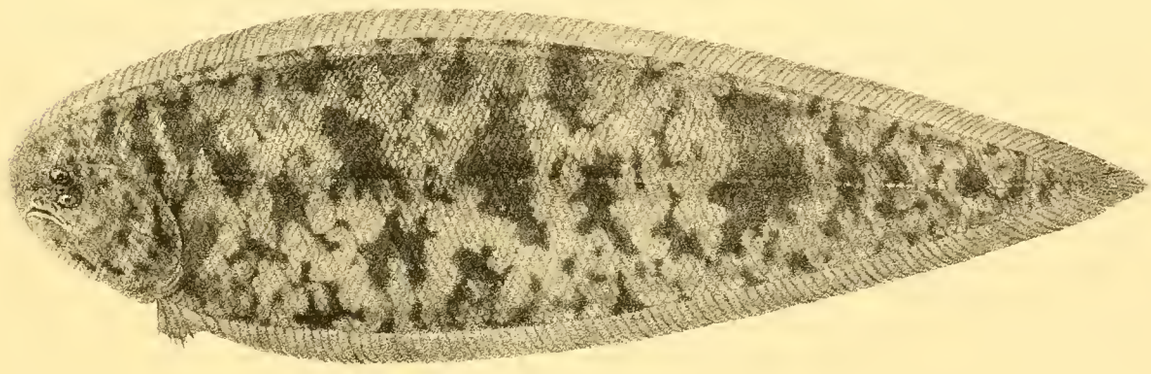

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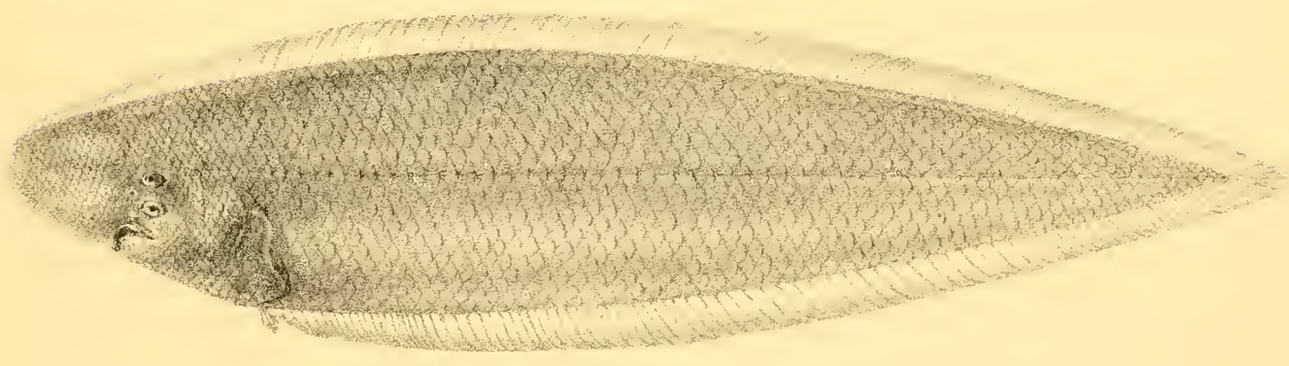

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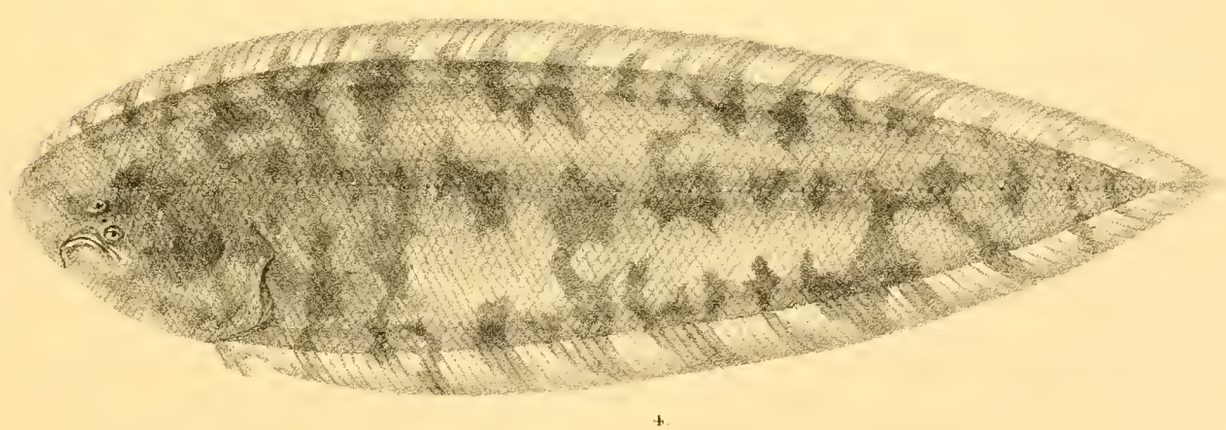
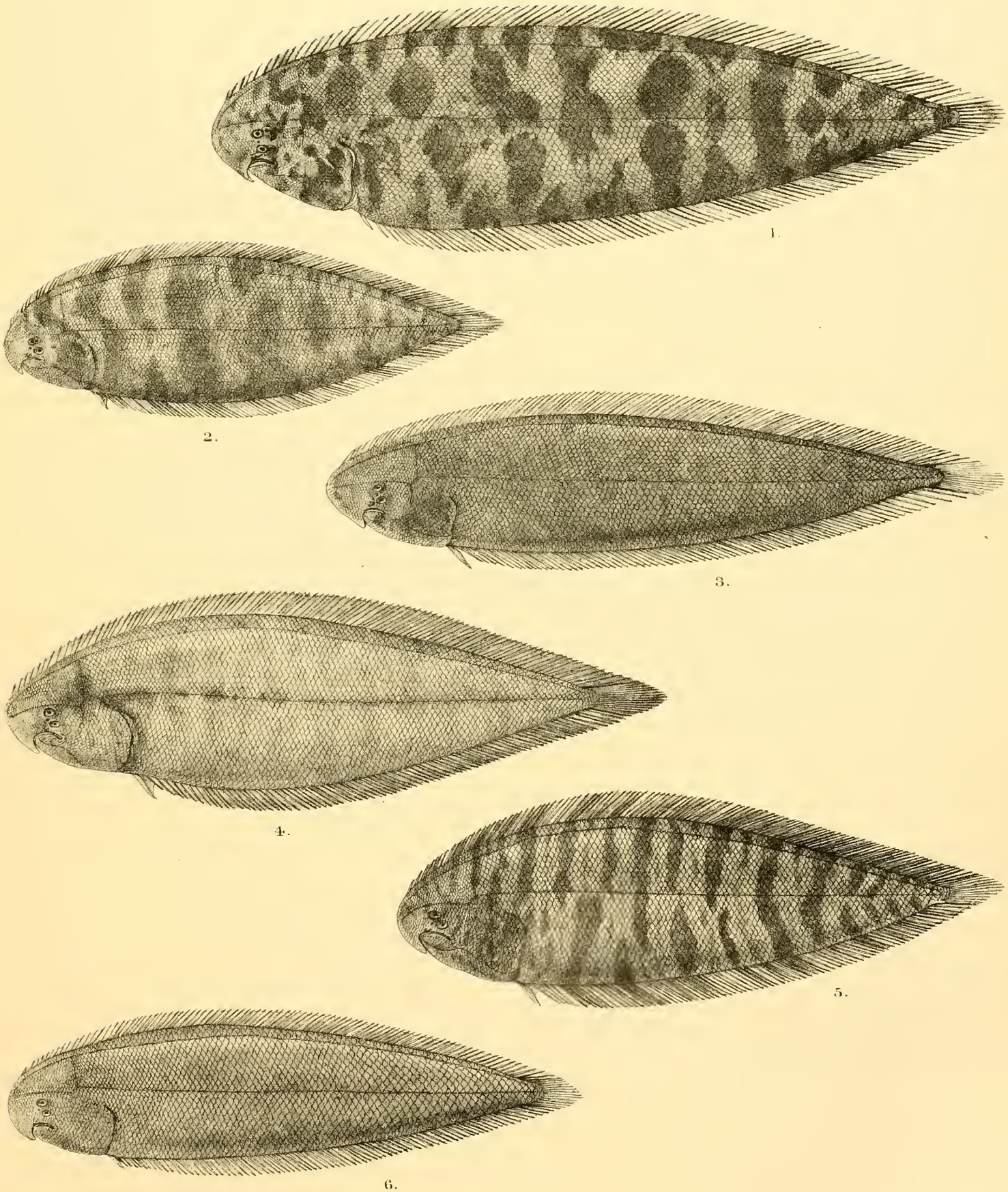


4.

Suzuki lith Mintern Bros imp

1, CYNOGLOSSUS LINGUA. 2, C DISPAR 3, C. MACROLEPIDOTUS. 4, C. BRACHYRHYNCHUS

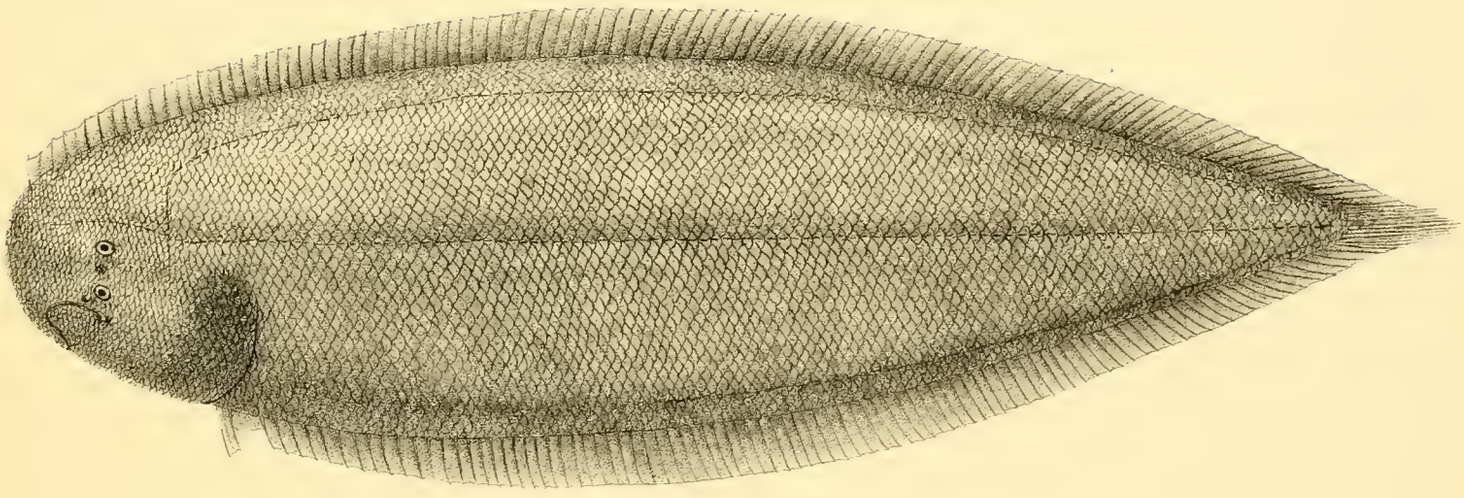
Y
ITY
USA



F Day del. R Mintern lith. Mintern Bros. imp.

1, CYNOGLOSSUS PUNCTICEPS. 2, C BREVIS. 3, C LIDA 4, C. BENGALENSIS. 5, C. SEMIFASCIATUS.
6, C BREVIROSTRIS.

HARVARD UNIVERSITY
CAMBRIDGE, MA USA



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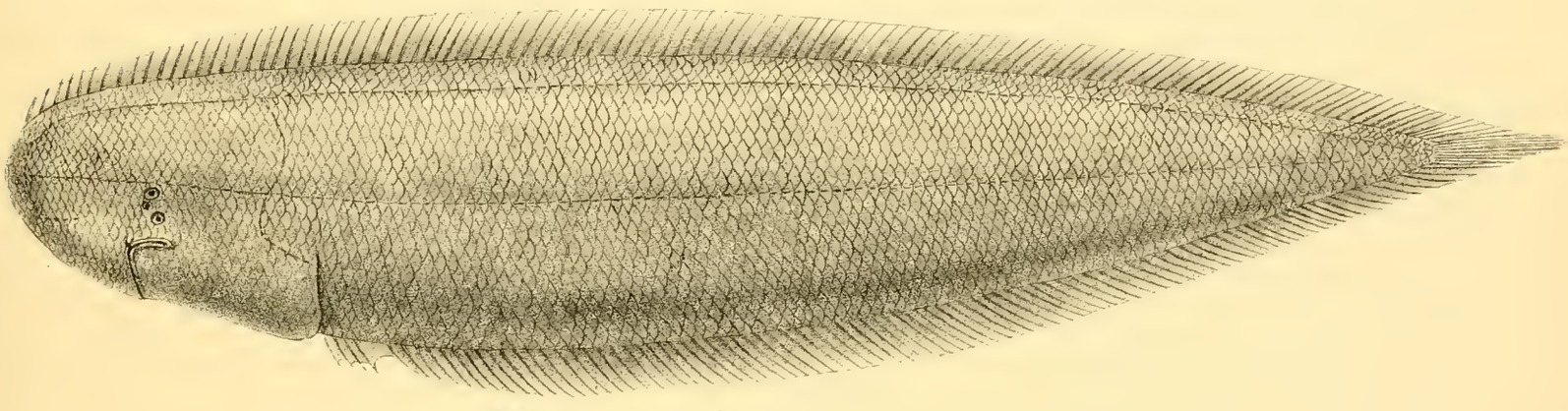

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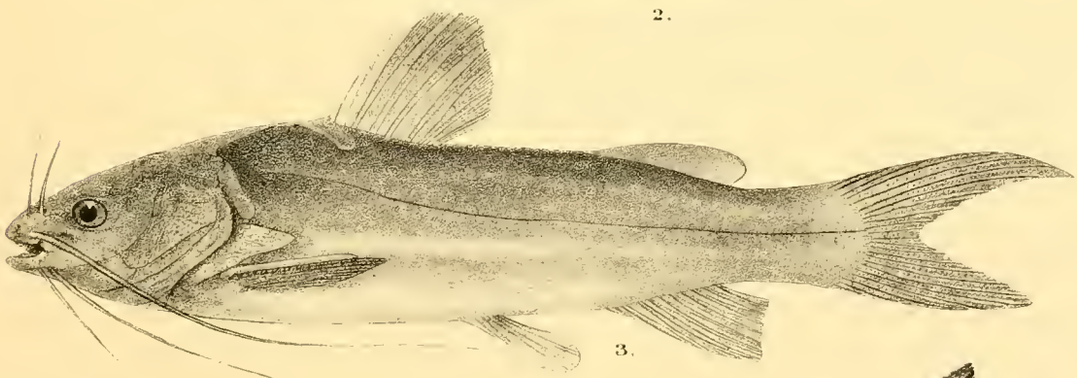

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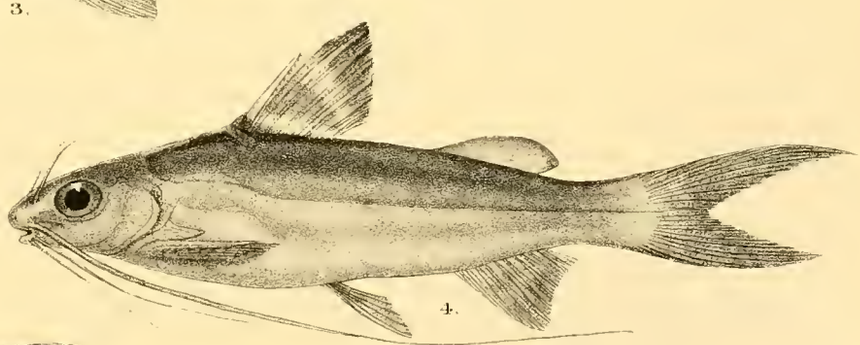

4.

5.

R.Mintern lith

Mintern Bros imp

1. CYNOGLOSSUS QUINQUELINEATUS. 2, C. AREL. 3, MACRONES VITTATUS. 4, M. OCULATUS. 5, M. KELETIUS.

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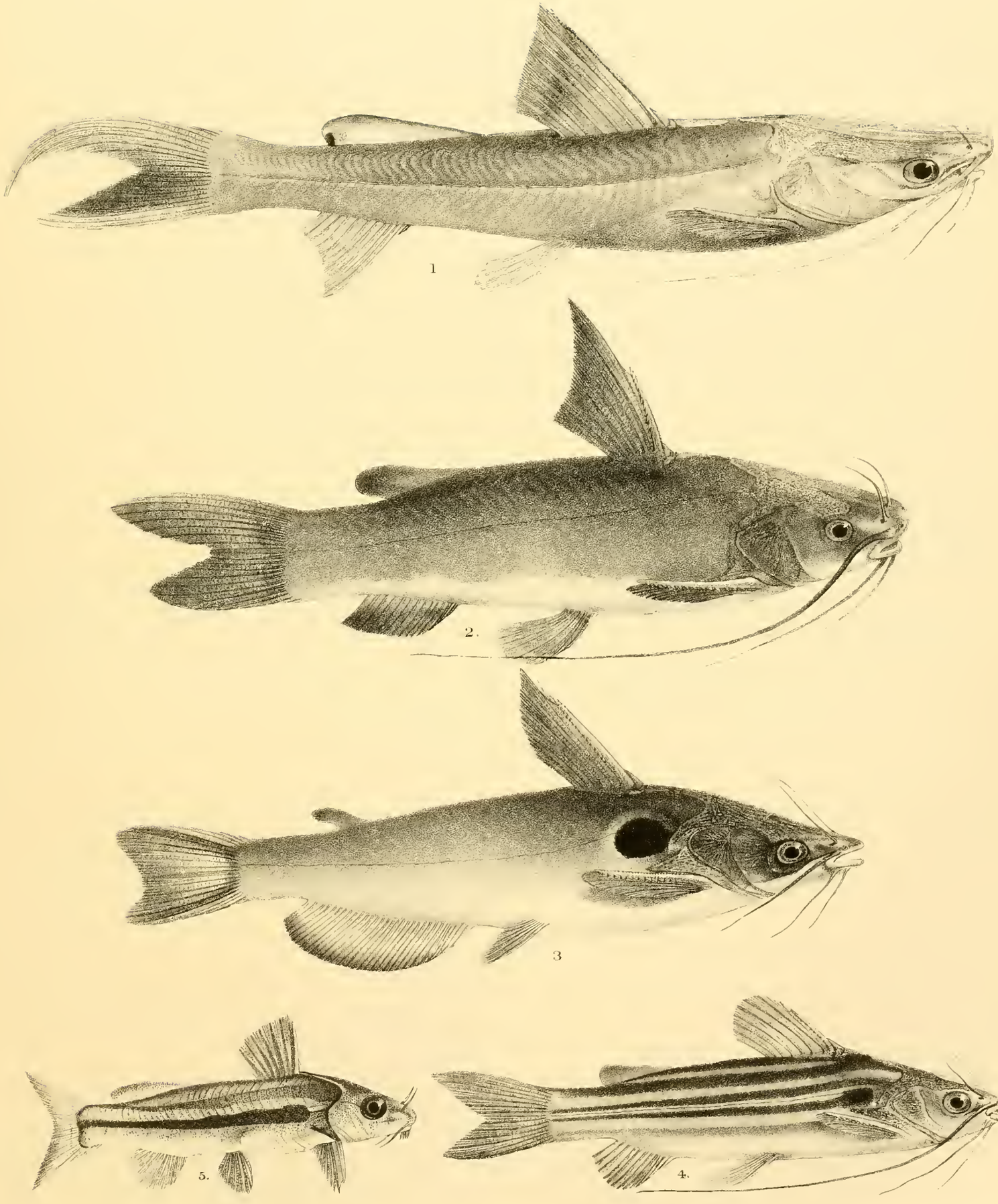
HA ERSITY
CAMBRI A USA



F Day del R Mintern lith. Mintern Bros imp

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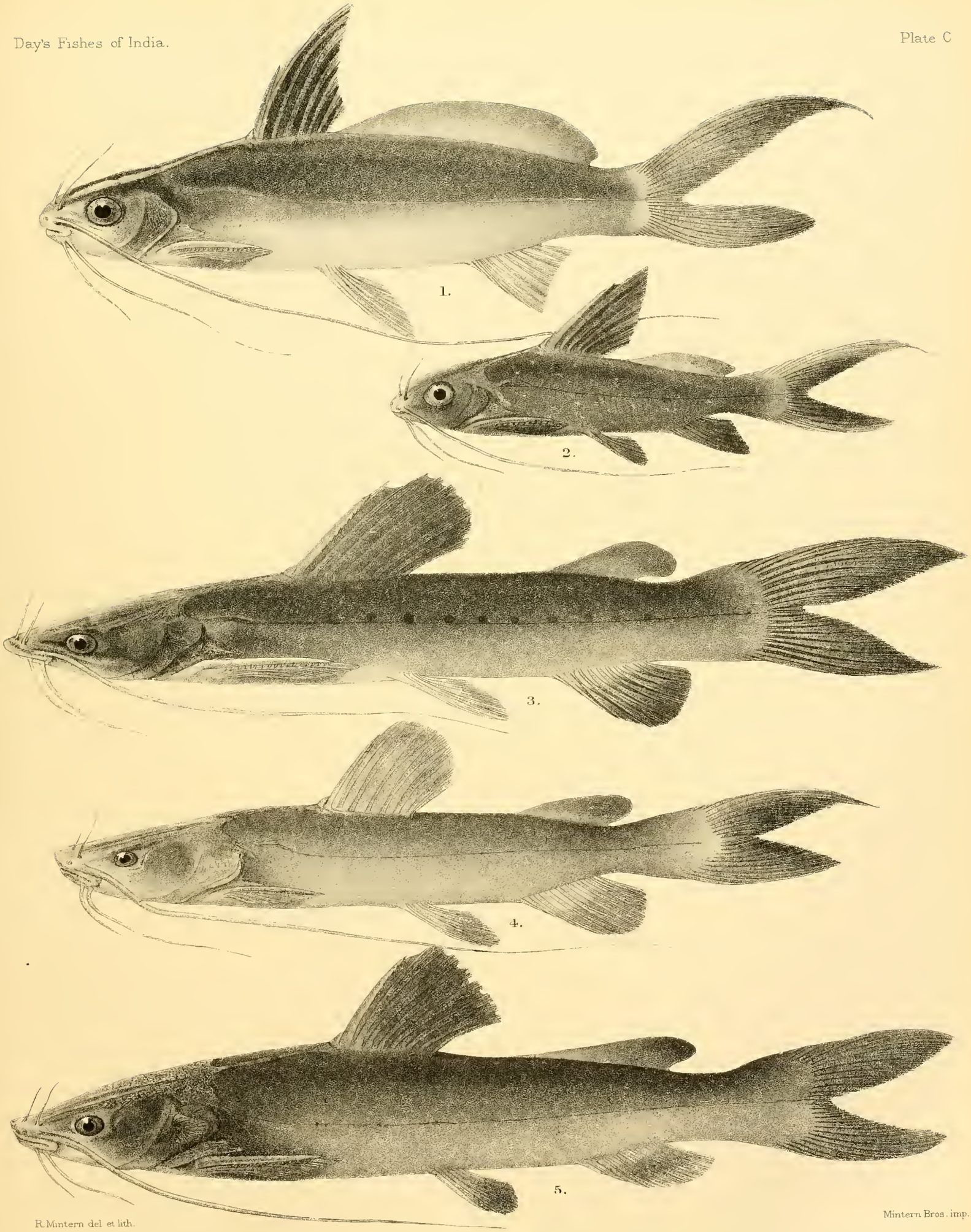
5, GAGATA BATASIO.



R. Mintern del et lith.

Mintern Bros. imp.

1, MACRONES CAVASIUS. 2, M. LEUCOPHASIS. 3, M. PUNCTATUS. 4, M. MICROPHTHALMUS. 5. M. CORSULA

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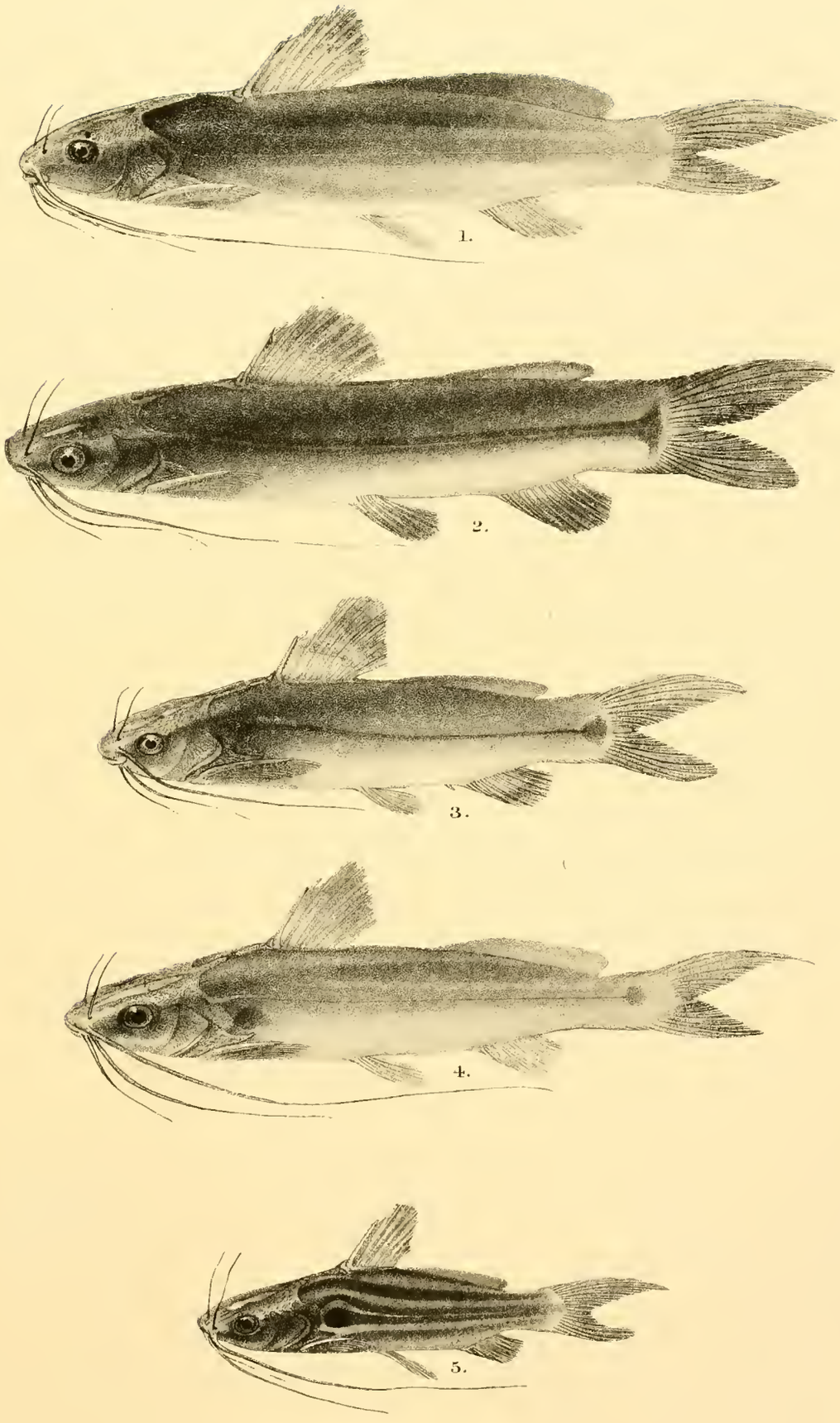
HA[illegible]SITY
CA[illegible]USA

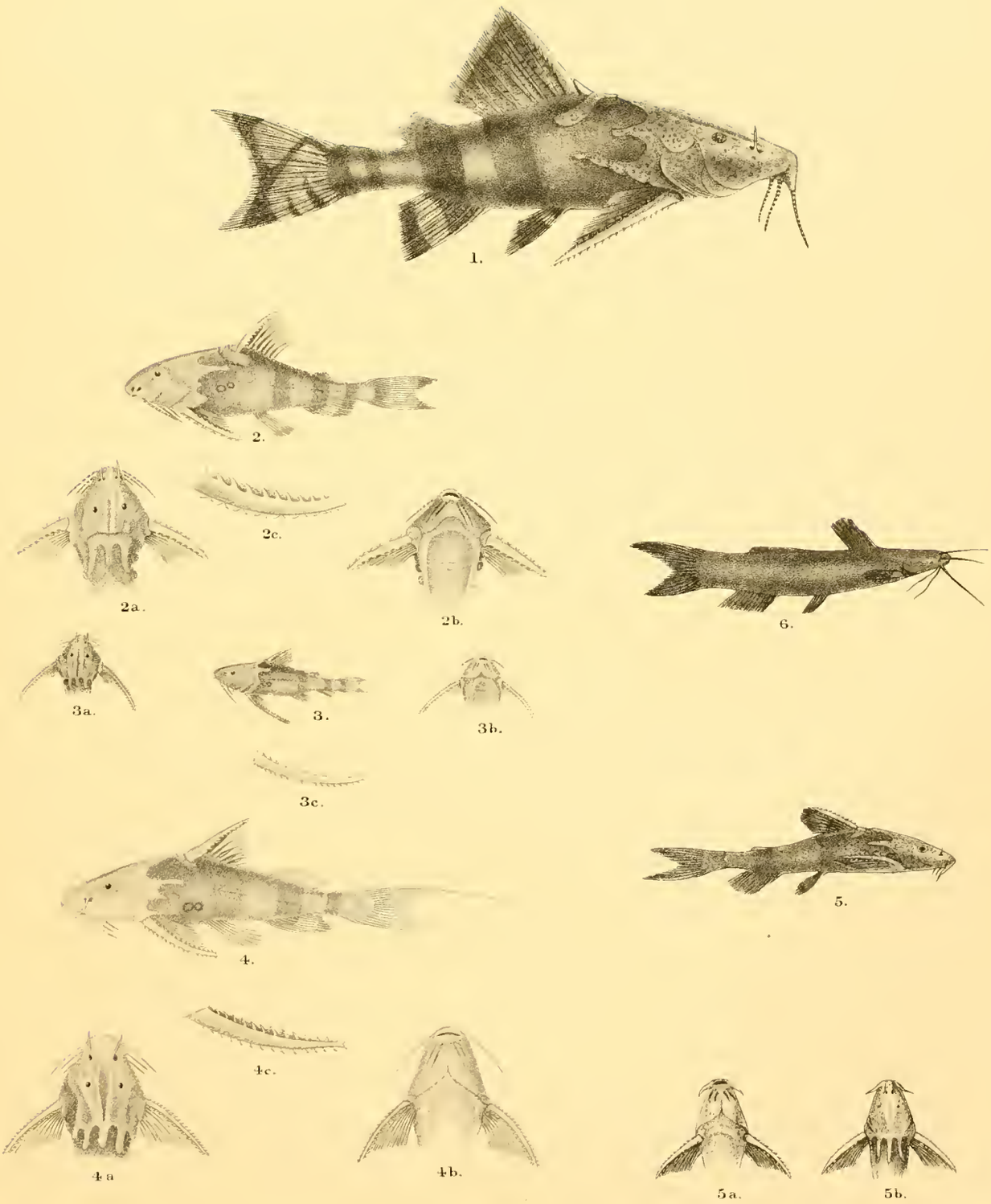


R.Mintern del et lith

Mintern Bros imp

1, MACRONES BLEEKERI. 2, M. MALABARICUS. 3, M. ARMATUS. 4, M. MONTANUS. 5, M. TENGARA

M[illegible]Y
H[illegible]ITY
C[illegible]A USA

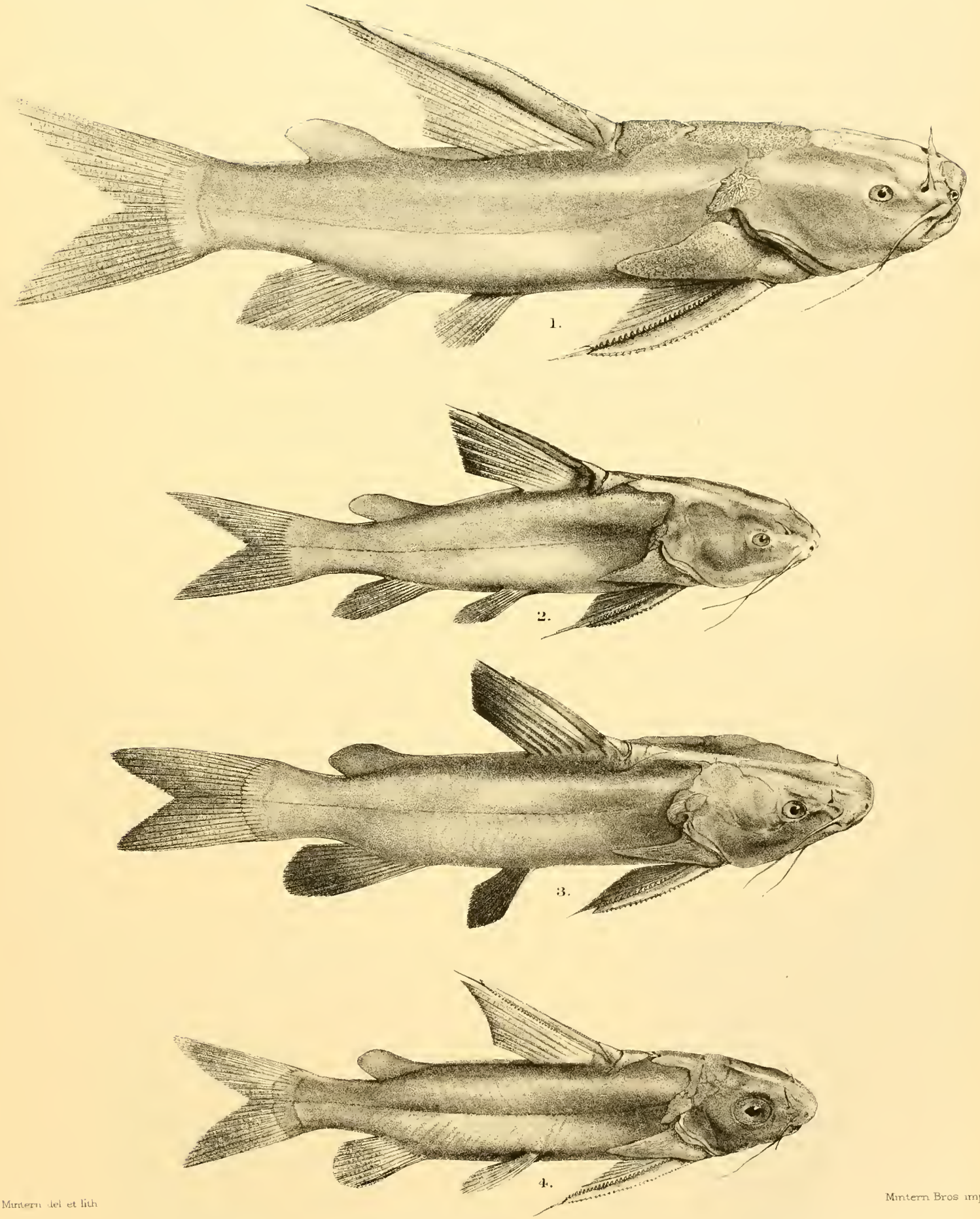


F Day del R.Mintern lith.

Mintern Bros. imp

1, ERETHISTES HARA. 2, E. HARA. (HALF GROWN.) 3, E. JERDONI. 4, E CONTA.
5, E. ELONGATA. 6, AMBLYCEPS MANGOIS.

ITY
USA

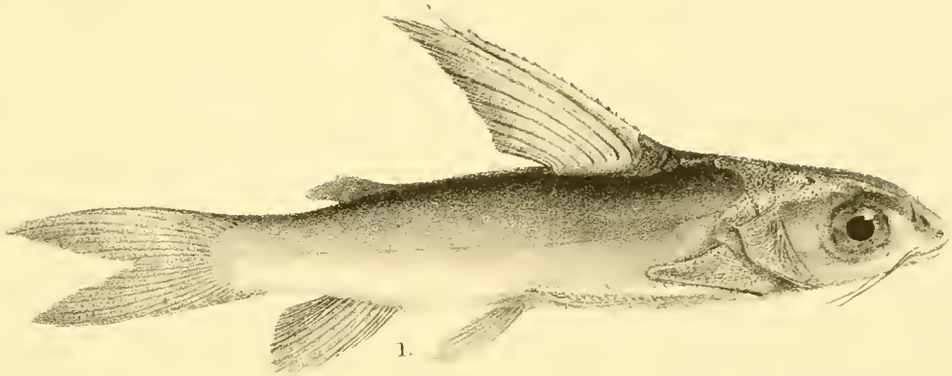


R Mintern del et lith

Mintern Bros imp

1, RITA BUCHANANI. 2, R BUCHANANI (YOUNG). 3, R PAVIMENTATA. 4, R HASTATA

ARY
ITY
JSA



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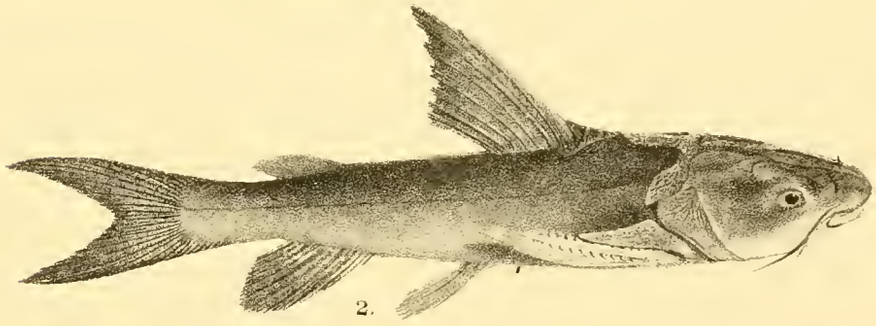

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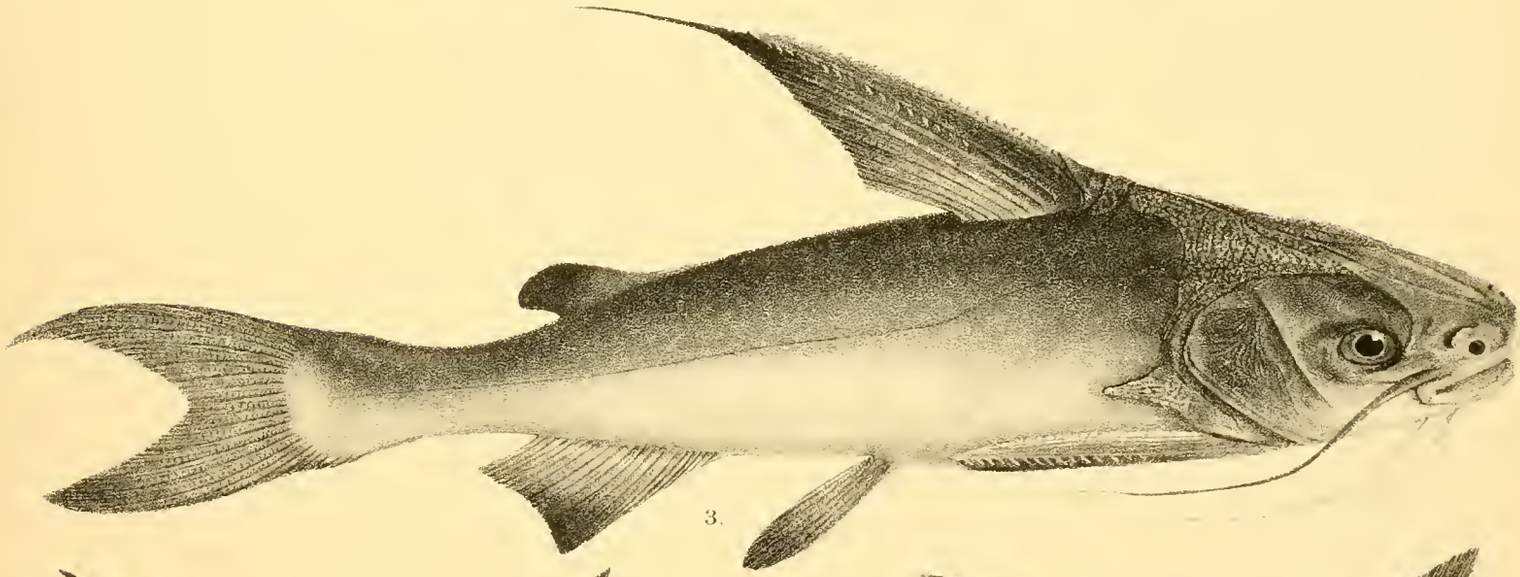

3.

4a.

4.

4b.

R.Mintern del et lith.

Mintern Bro. imp

1, RITA CHRYSEA. 2, R. BUCHANANI. (YOUNG.) 3, ARIUS NENGA. 4, A. THALASSINUS.

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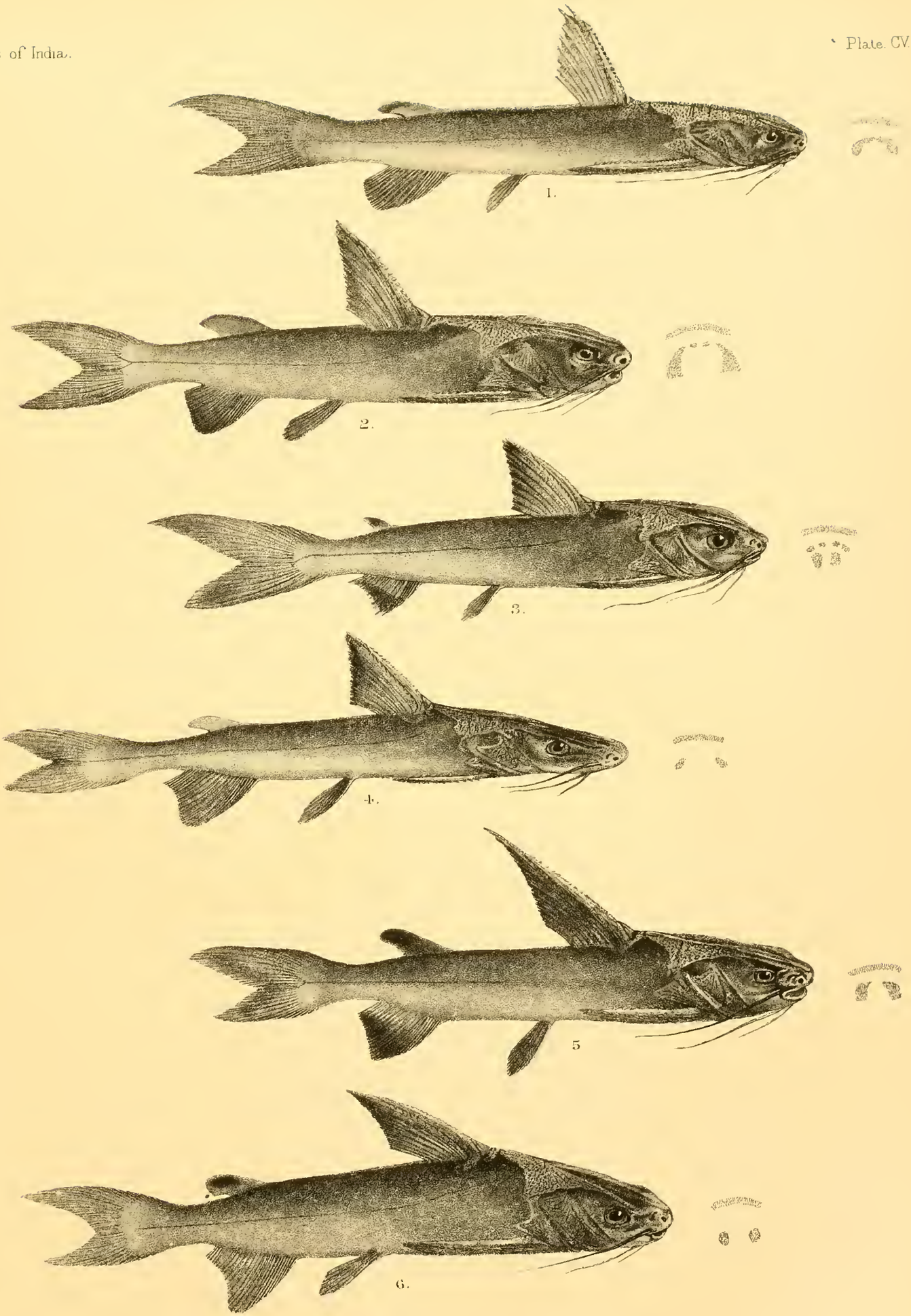
USA

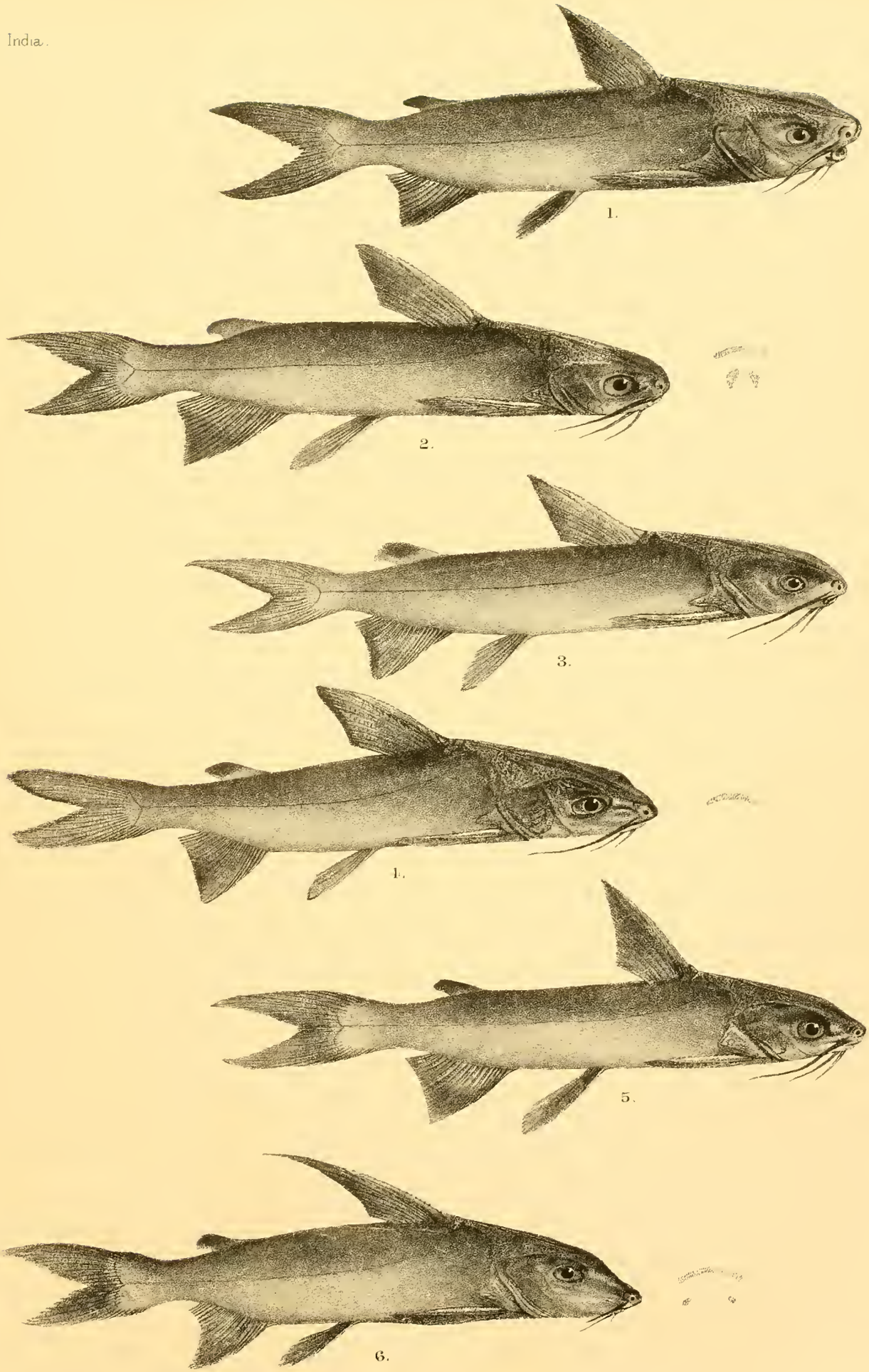


R. Mintern. del. et lith.

Mintern Bros imp

1. ARIUS SAGOR. 2 A. SONA. 3. A. SERRATUS.
4. A. BURMANICUS. 5. A. CŒLATUS. 6. A. BUCHANANI.

...RY
...ERSITY
...E, MA USA



R Mintern, del et lith. Mintern Bros imp

1. ARIUS THALASSINUS. 2. A. VENOSUS. 3. A. JELLA.
4. ARIUS JATIUS. 5. A. FALCARIUS 6. A. SUBROSTRATUS.

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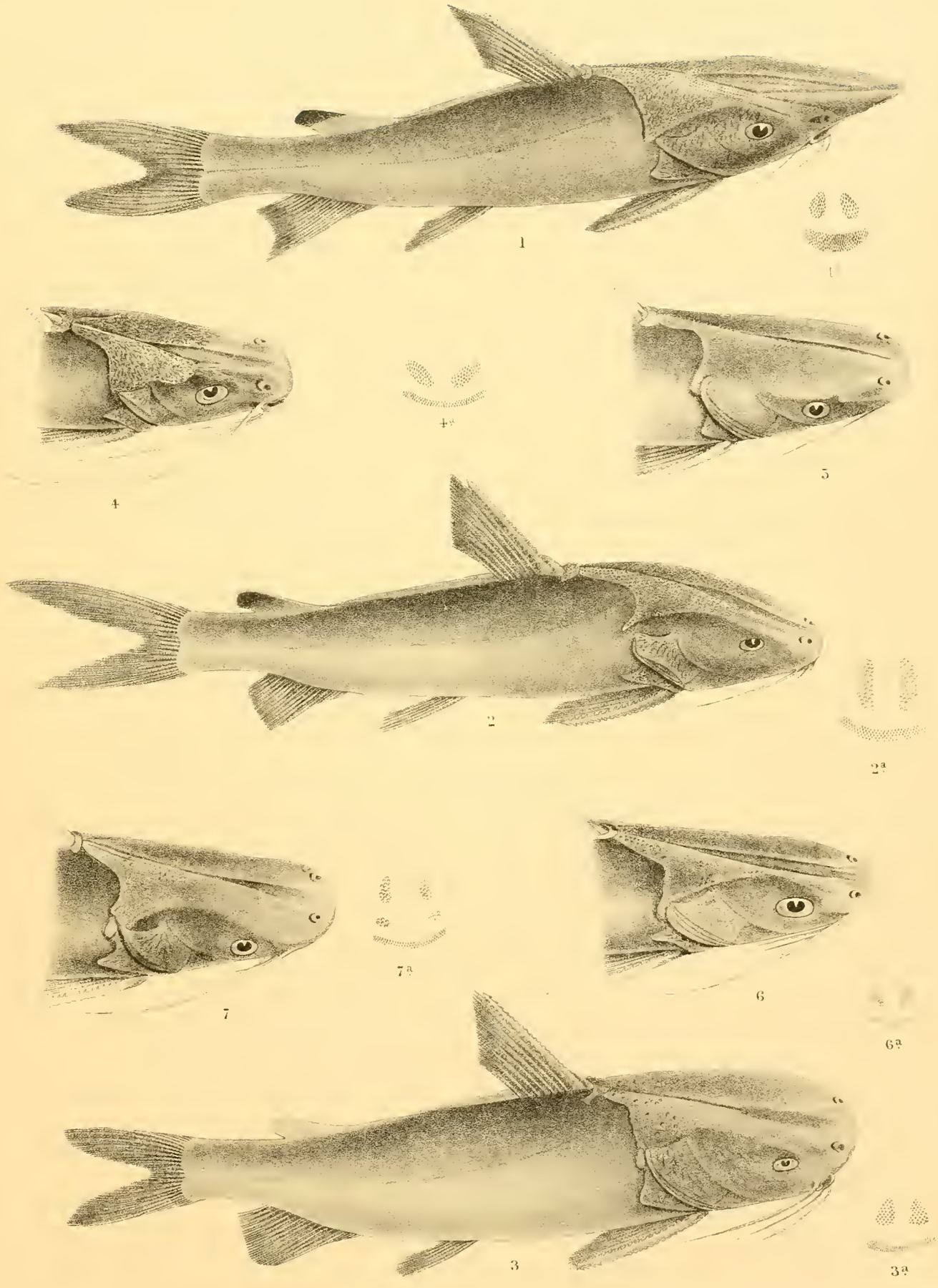
[illegible]NIVERSITY
CAMBRIDGE, MA USA



F Day, del. C Achilles, lith

Martin & Hood, imp

1 ARIUS ACUTIROSTRIS 2. A GAGORA 3. A. PLATYSTOMUS 4 A MALABARICUS.
5. A TENUISPINIS. 6. A SUMATRANUS. 7. A. DUSSUMIERI

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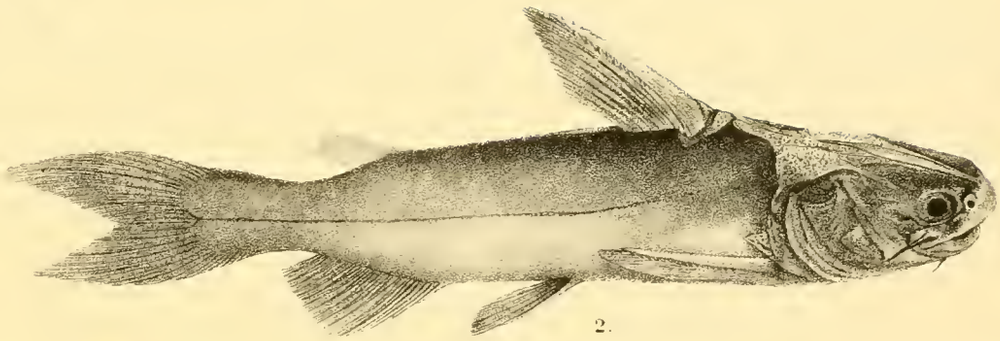

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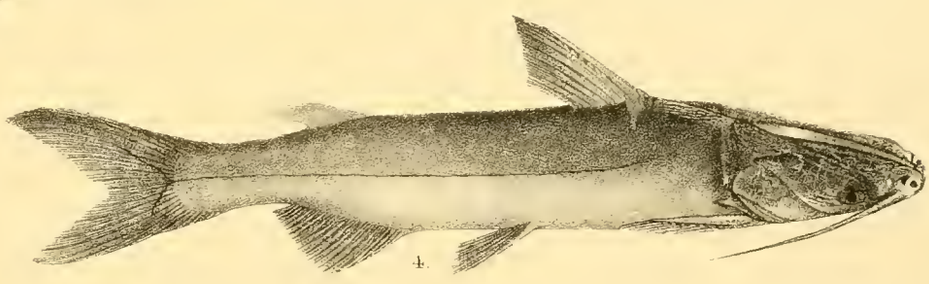

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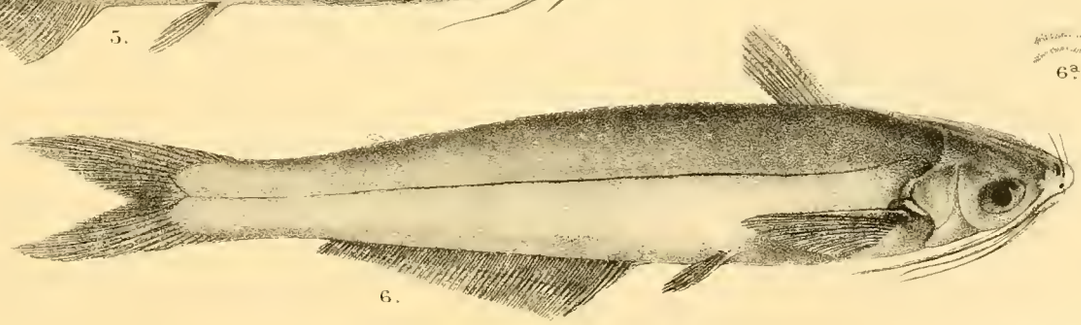

6.

6ª.

F.Mintern lith. Mintern Bros imp.

1, BATRACHOCEPHALUS MINO. 2, KETENGUS TYPUS. 3, OSTEOGENIOSUS STENOCEPHALUS.
4, O MILITARIS. 5, PANGASIUS BUCHANANI. 6, PSEUDEUTROPIUS MURIUS.

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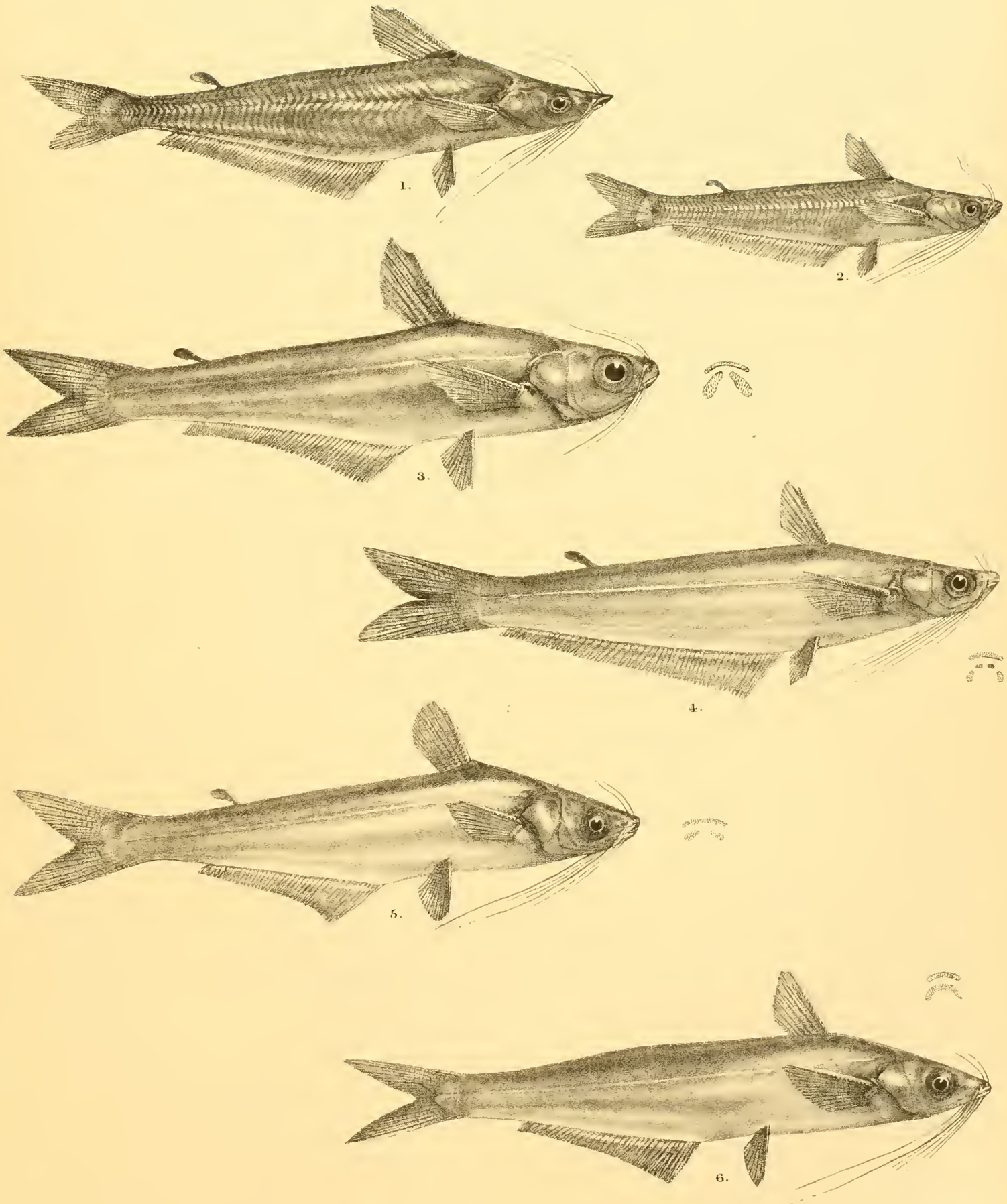
...ERSITY
CAMBRIDGE, MA USA



F.Day & Suzini del. Mintern Bros. imp

1, PSEUDEUTROPIUS ACUTIROSTRIS. 2, P. ATHERINOIDES. 3, P. GOONGWAREE.
4, P. TAAKREE. 5, P SYKESII. 6, P. GARUA.

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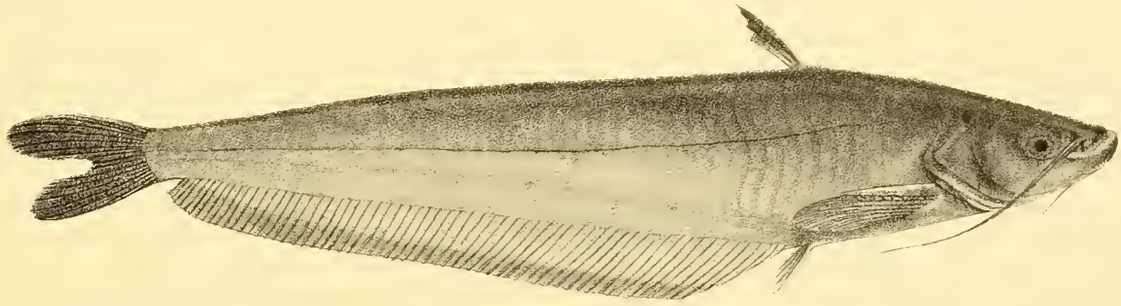

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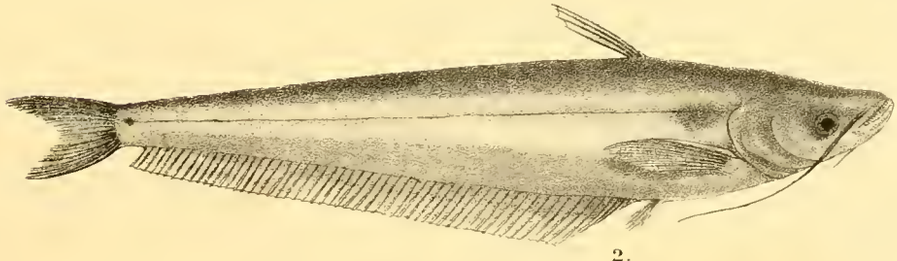

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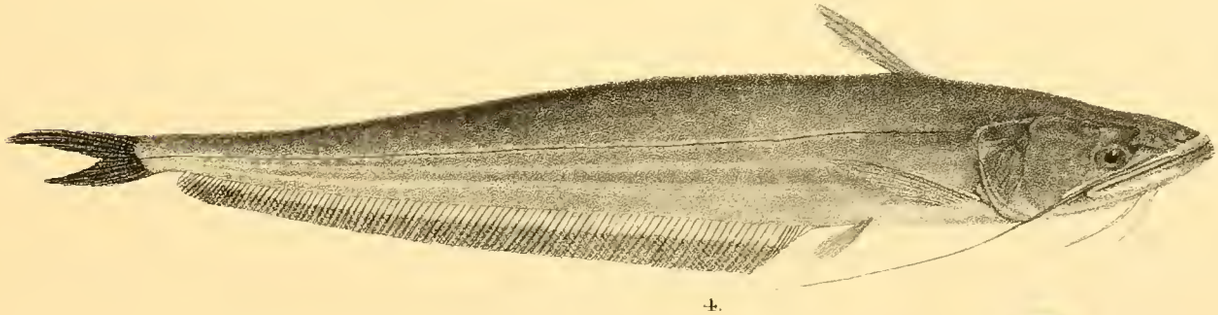

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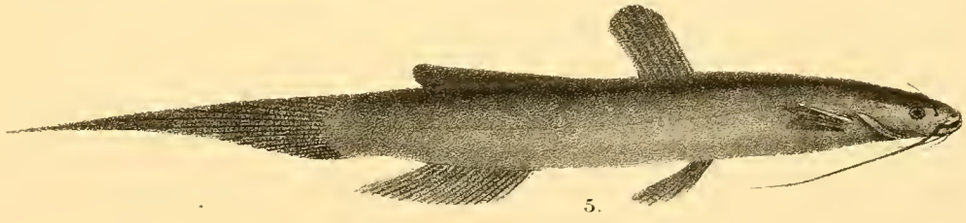

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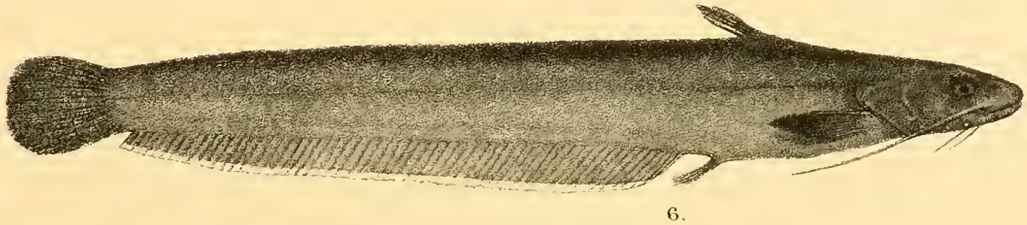
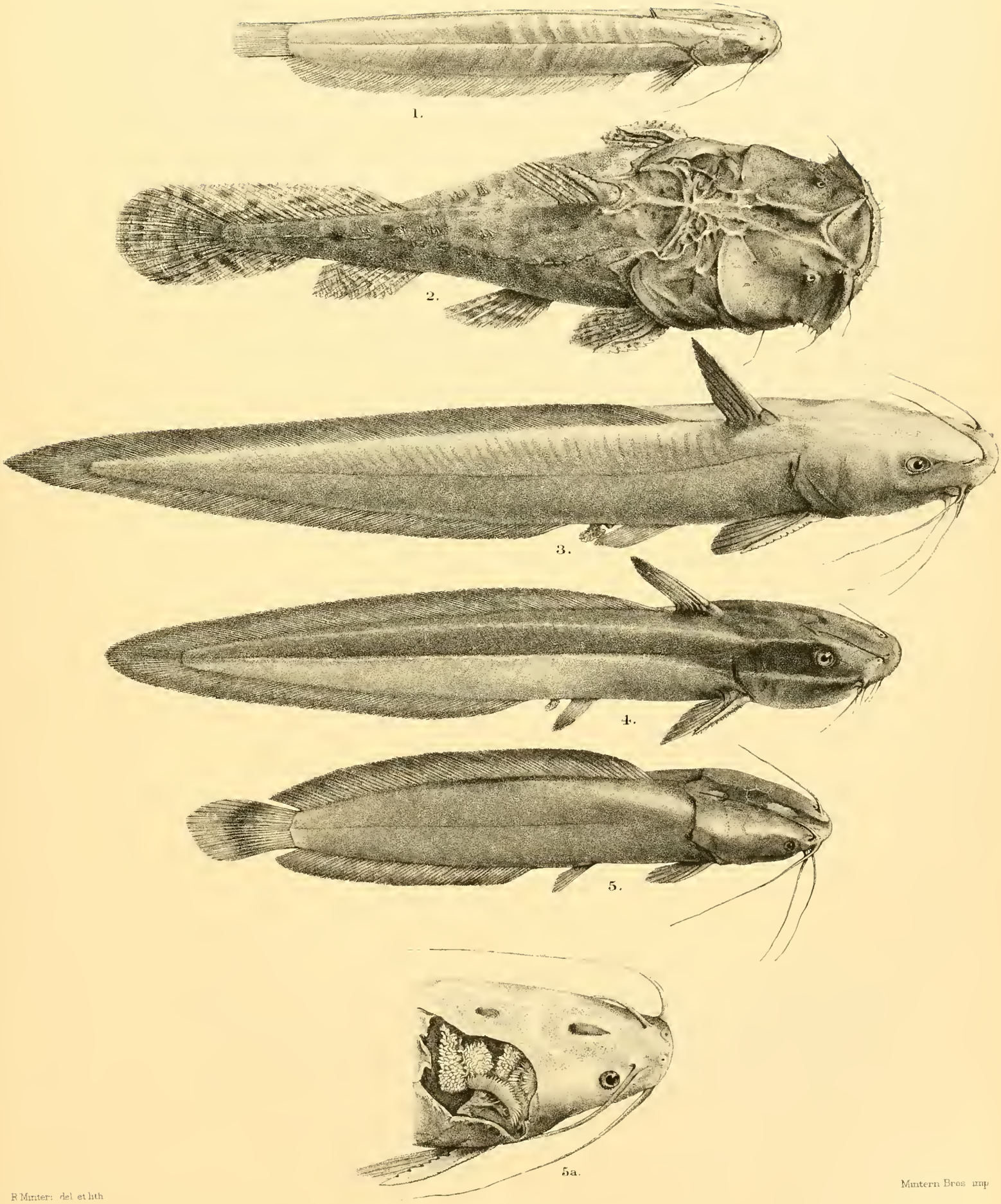


6.

R.Mintern lith

Mintern. Bros imp

1, CALLICHROUS MALABARICUS. 2. & 3, C. PABDA. 4. WALLAGO ATTU 5, OLYRA BURMANICA
6, SILURUS WYNAADENSIS.



R Minter: del. et lith

Mintern Bros. imp

1, SILURUS AFGHANA. 2, CHACA LOPHIOIDES. 3, PLOTOSUS CANIUS. 4, P. ARAB
5, CLARIAS MAGUR. 5a, BRANCHIÆ EXPOSED.

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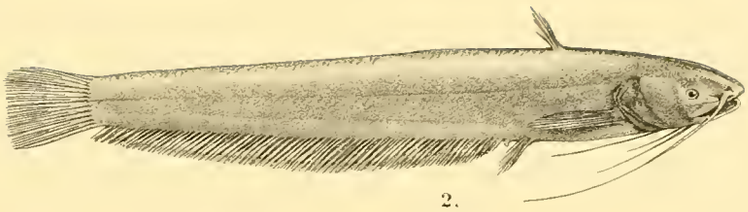
U.S.A.



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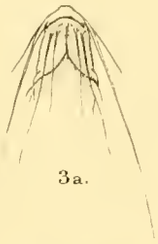

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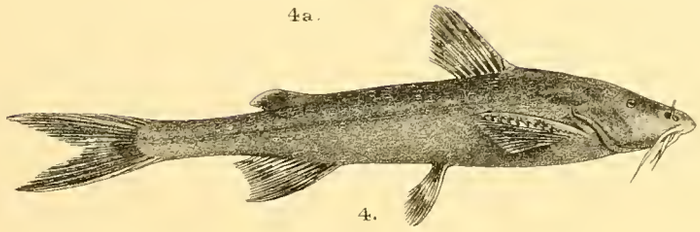

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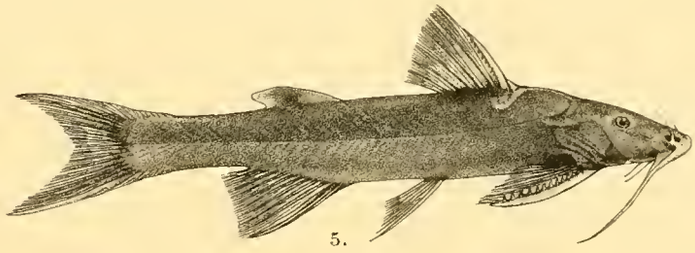

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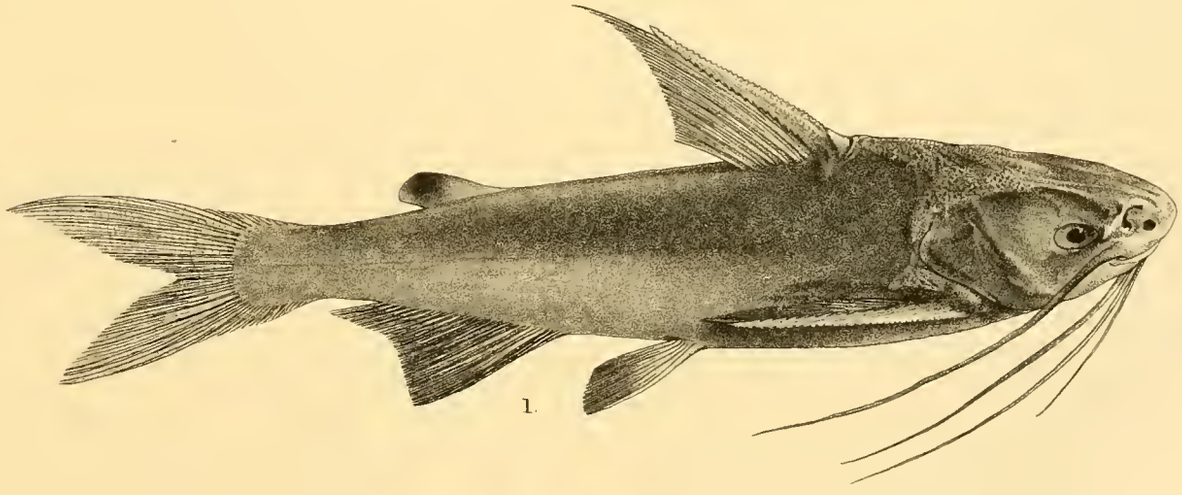


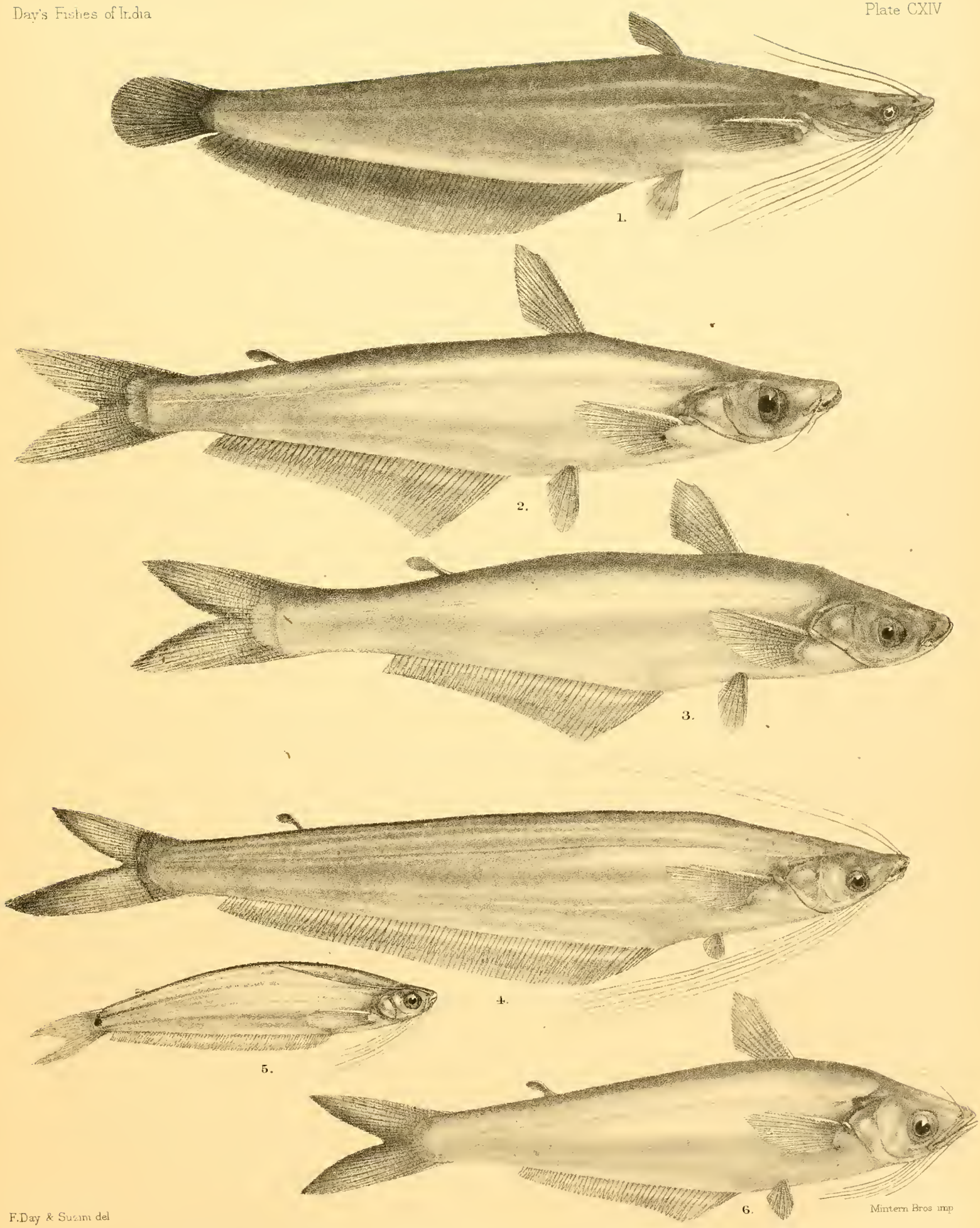
1.

R Mintern del et lith

Mintern Bros imp

1, ARIUS MACRONOTACANTHUS 2, SILURUS COCHINSINENSIS. 3, NANGRA BUCHANANI.
4, GLYPTOSTERNUM BOTIA. 5, G LONAH.

A USA

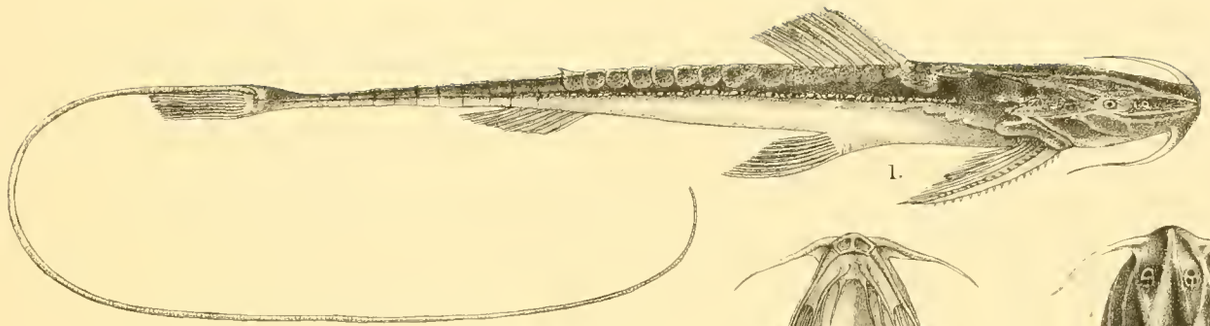


F.Day & Suzm del

Mintern Bros imp

1. SACCOBRANCHUS FOSSILIS. 2, SILUNDIA SYKESII. 3, S GANGETICA. 4, AILIA COILA
5, AILICHTHYS PUNCTATA. 6, EUTROPIICHTHYS VACHA.

M[illegible]RY
HA[illegible]SITY
CA[illegible]MA USA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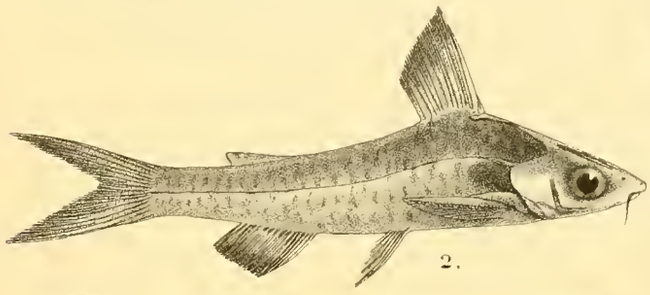
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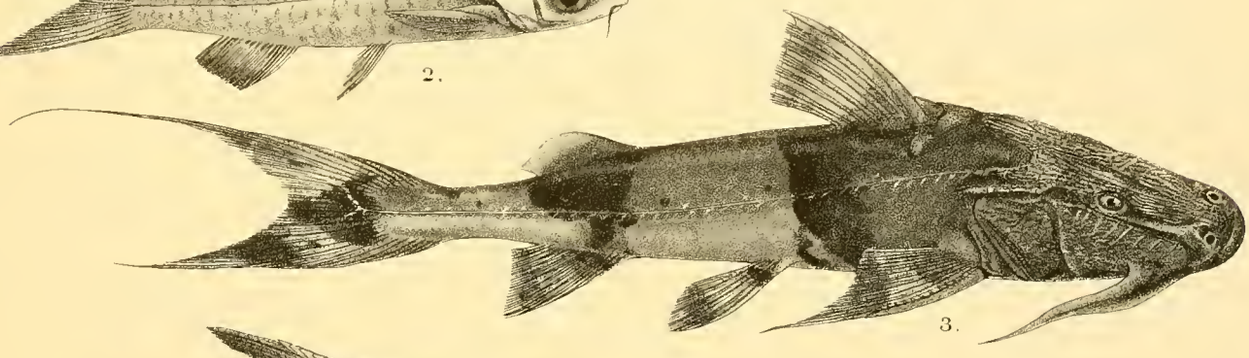
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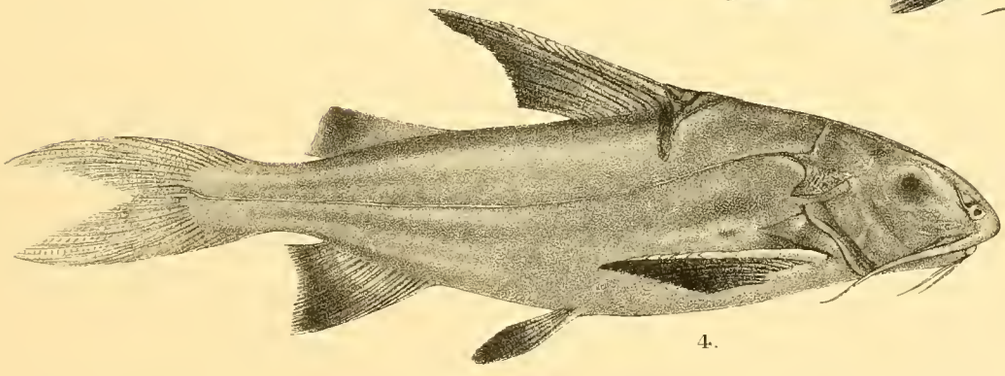
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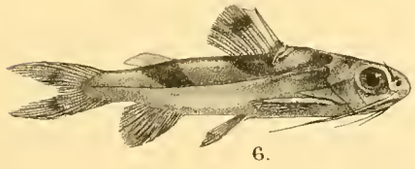
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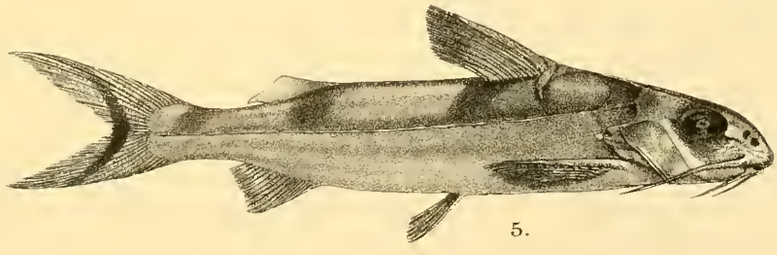
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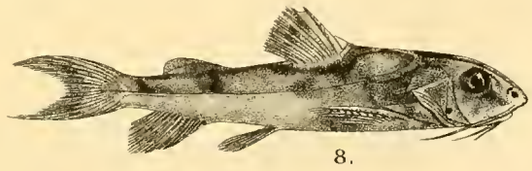
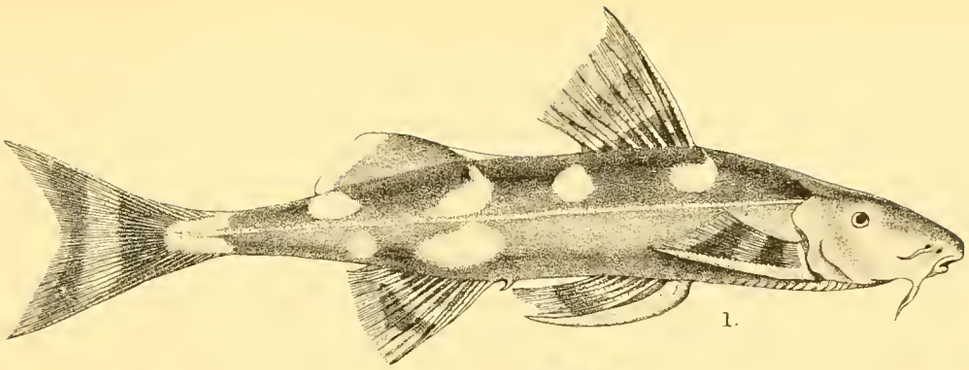

8.

R. Mintern del

Mintern Bros. imp

1, SISOR RHABDOPHORUS. 2. LEIOCASSIS RAMA ($\frac{2}{1}$) 3, BAGARIUS YARRELLII. 4, GAGATA CENIA (ADULT.)
5, G. CENIA (YOUNG) 6, G. ITCHKEEA. 7. NANGRA VIRIDESCENS. 8, N. PUNCTATA

Y
SITY
USA



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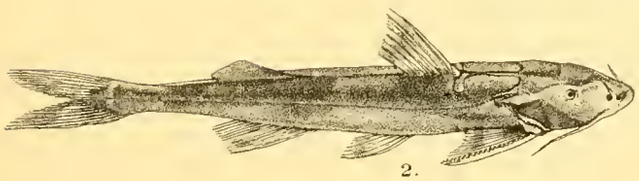

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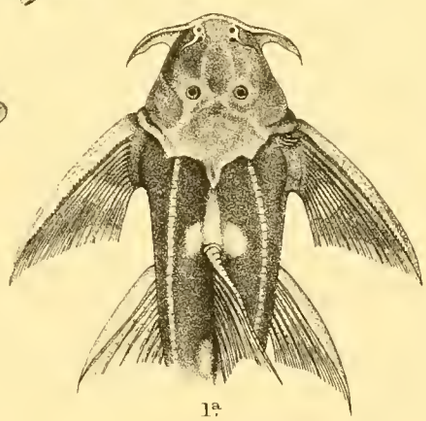

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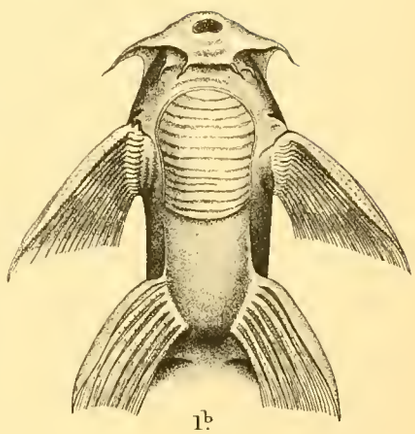

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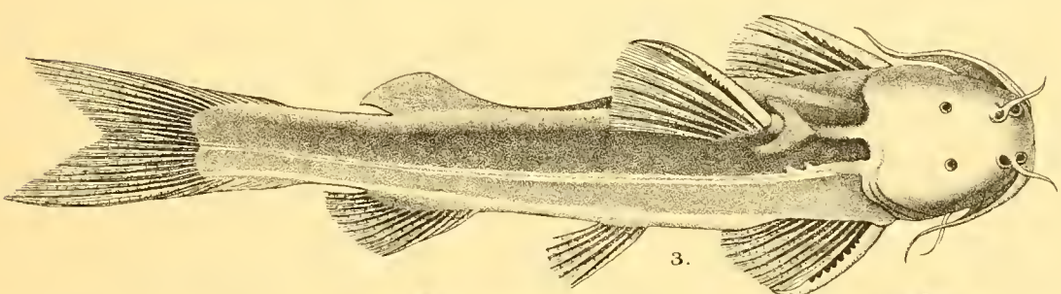

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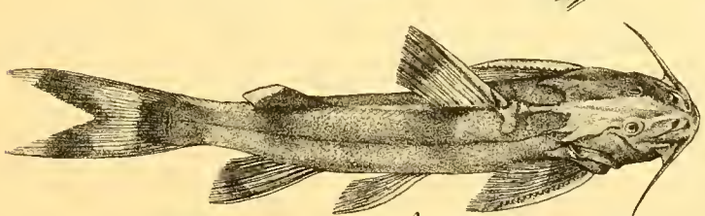

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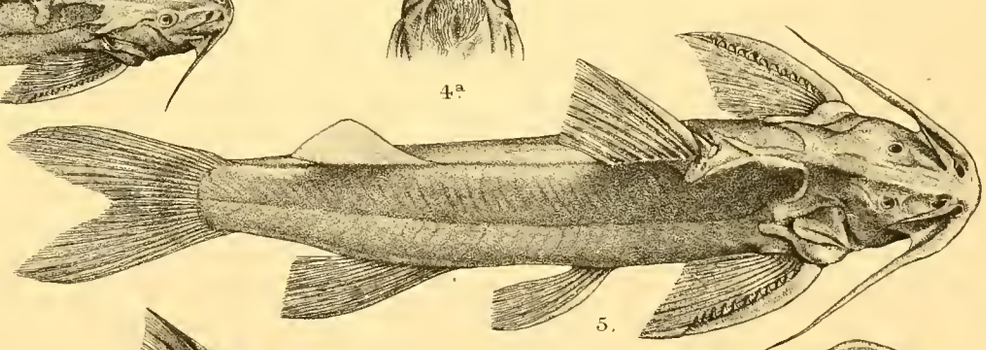

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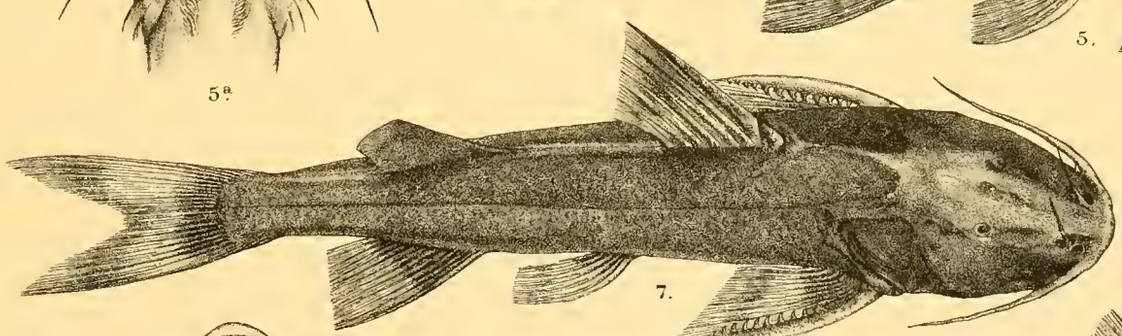

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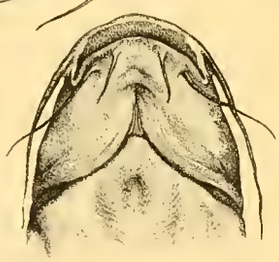

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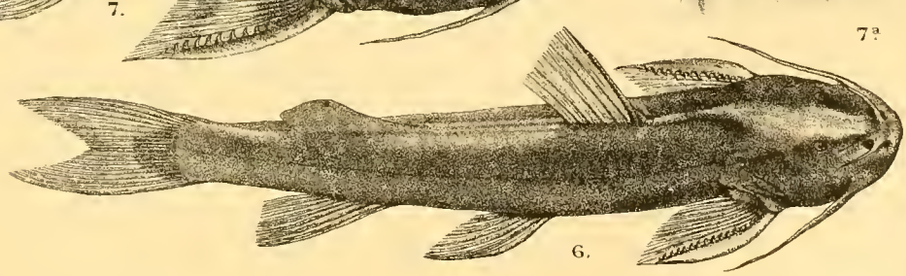

6.

C L Griesbach del

Mintern Bros. imp

1, PSEUDECHENEIS SULCATUS. 2, GLYPTOSTERNUM TELCHITTA. 3, G. TRILINEATUM 4, G MADRASPATANUM.
5, G. CONIROSTRIS. 6, G PECTINOPTERUM. 7, EUGLYPTOSTERNUM LINEATUM.

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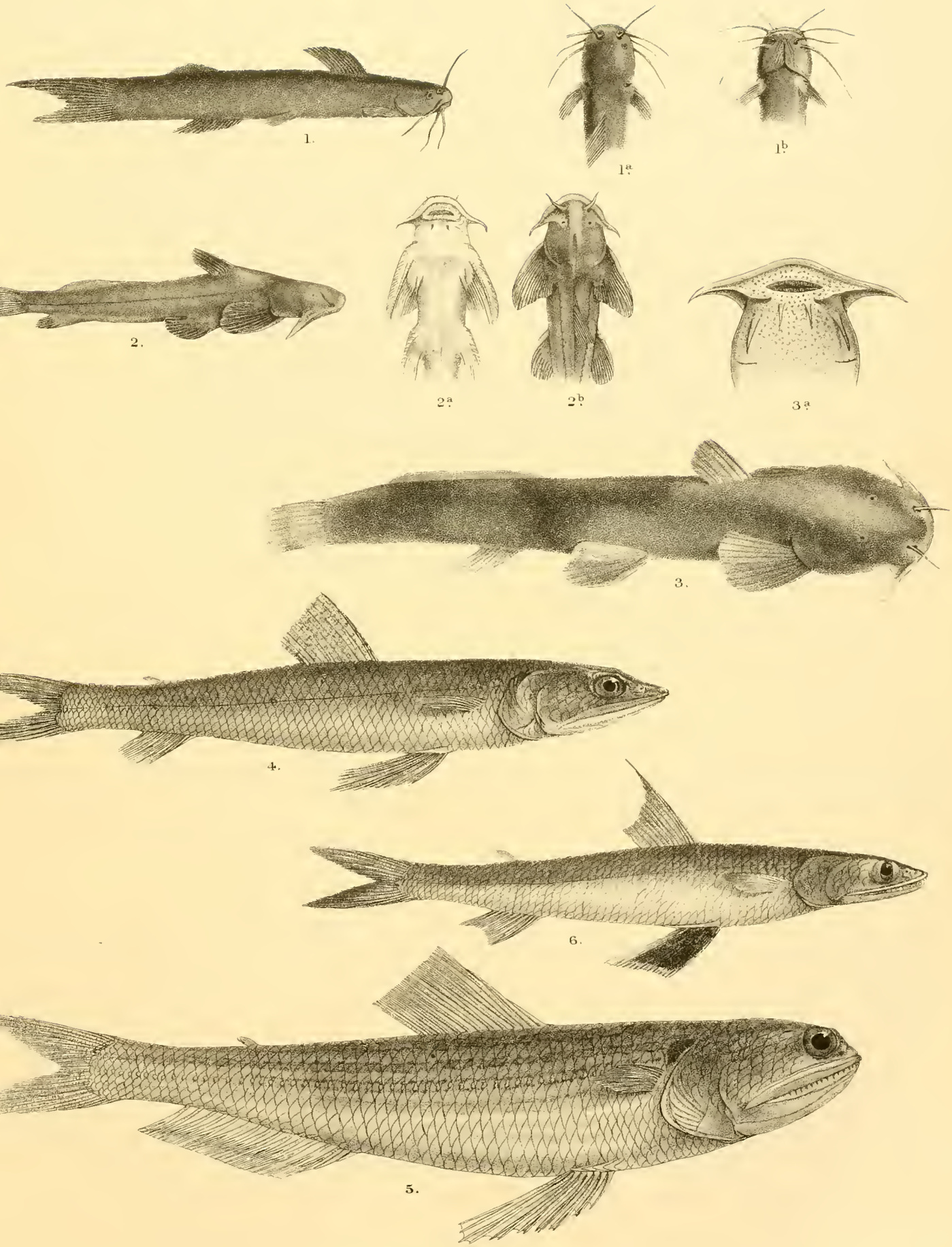
CAMBRIDGE, MASSACHUSETTS



F Day del

Mintern Bros imp

1, AMBLYCEPS MANGOIS. 2, EXOSTOMA BLYTHII. 3, E. STOLICZKÆ. 4, SAURUS INDICUS.
5, S. MYOPS. 6, SAURIDA TUMBIL.

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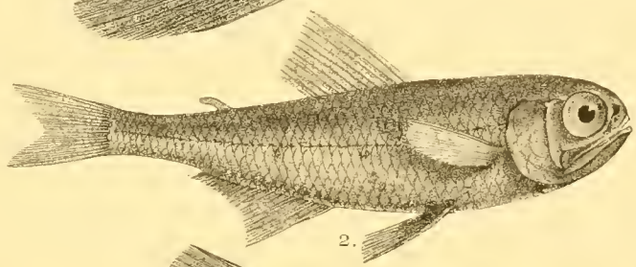

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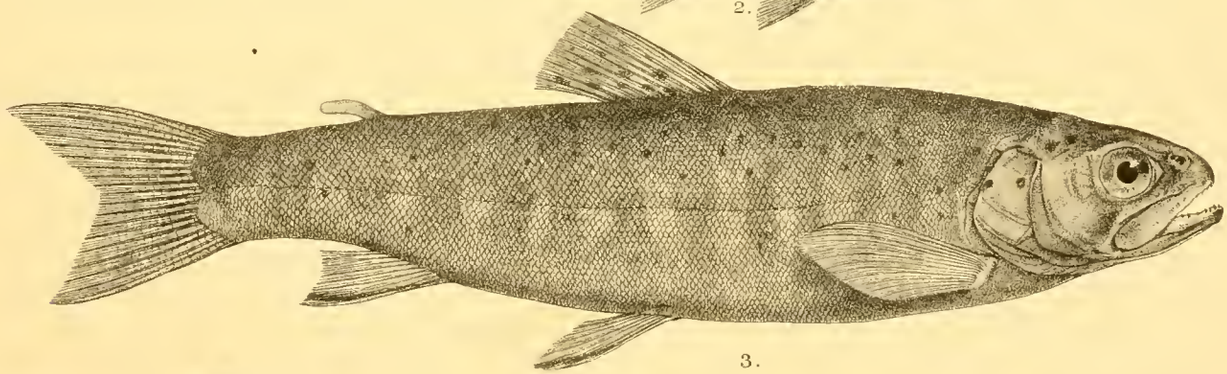

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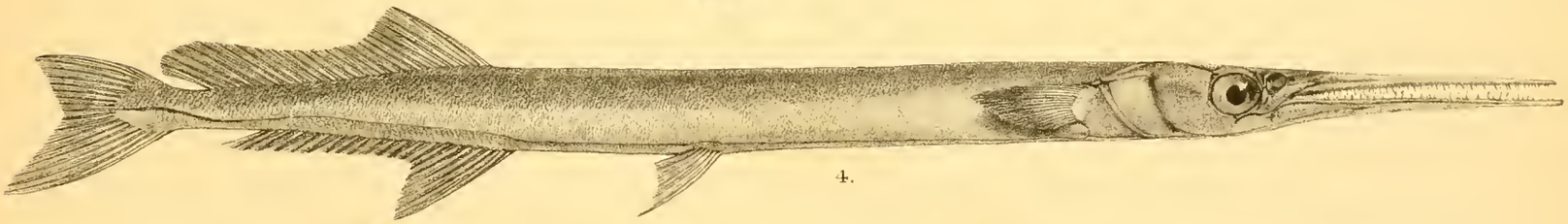

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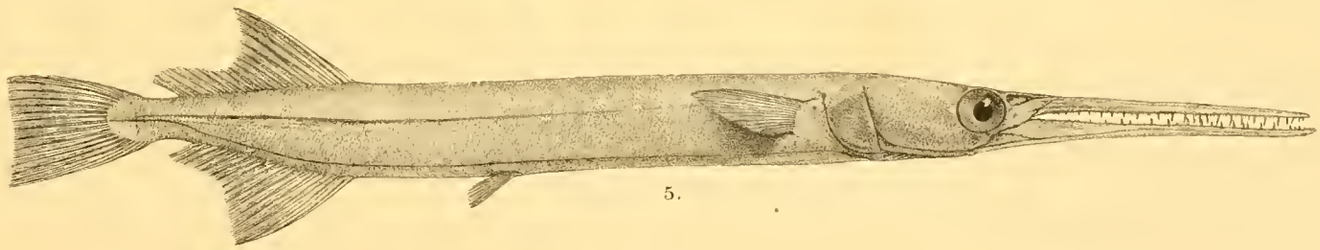

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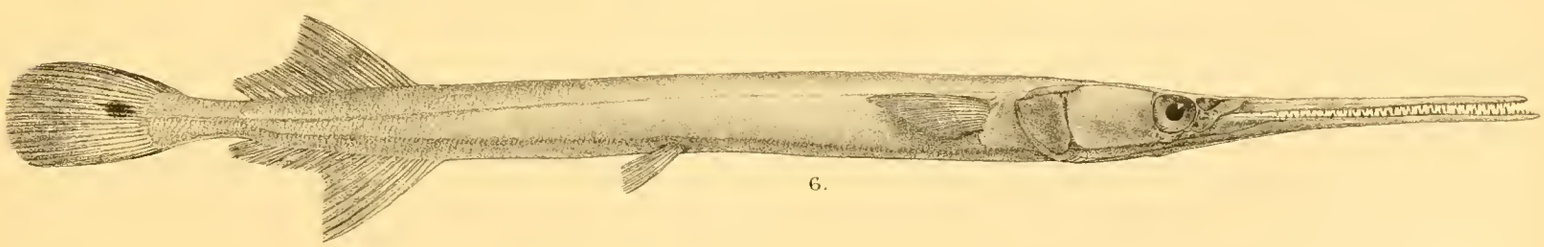

6.

C L Griesbach del

Mintern Bros imp

1. HARPODON NEHEREUS. 2, SCOPELUS INDICUS. 3, SALMO LEVENENSIS. 4, BELONE CHORAM.
5, B CANCILA 6 B STRONGYLURUS.

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HARV
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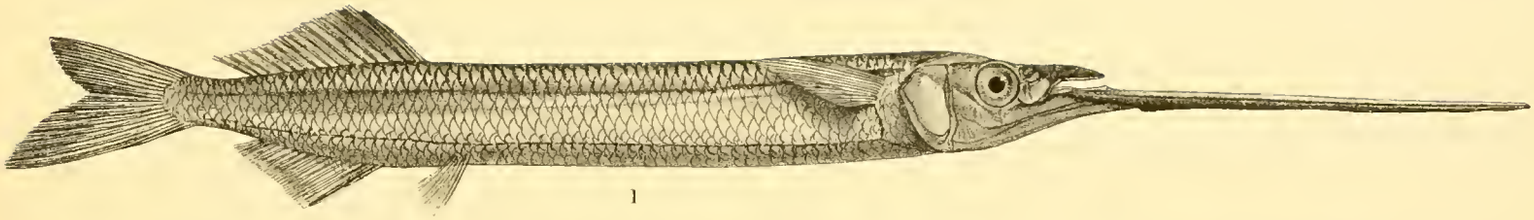

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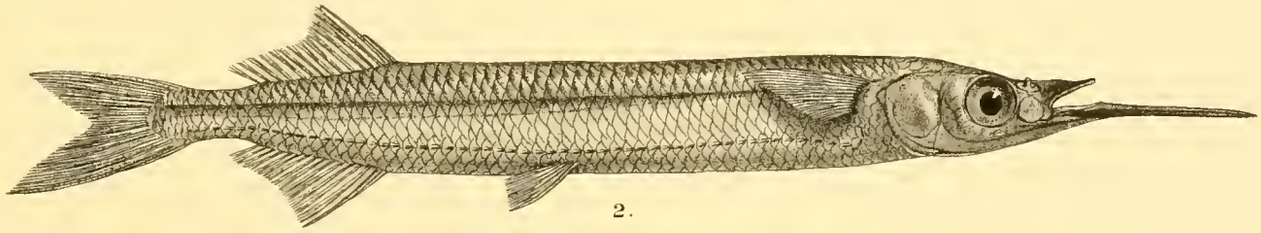

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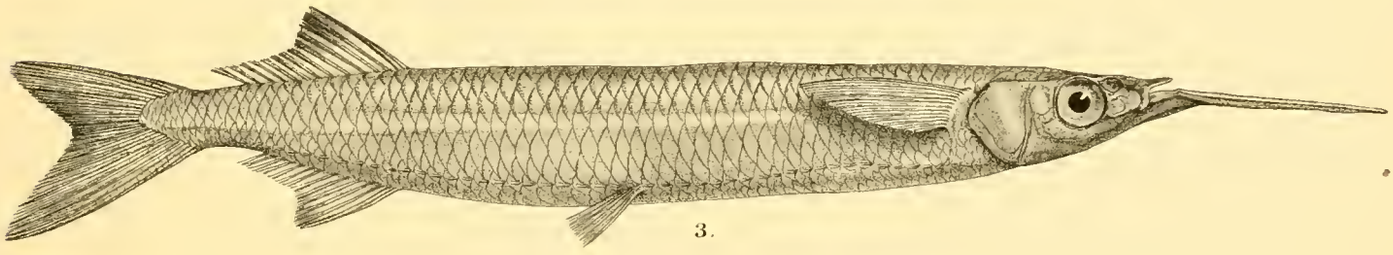

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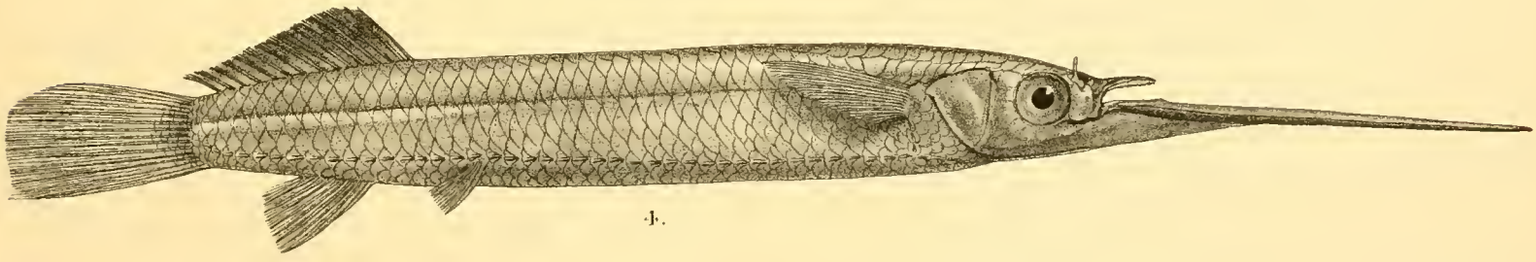

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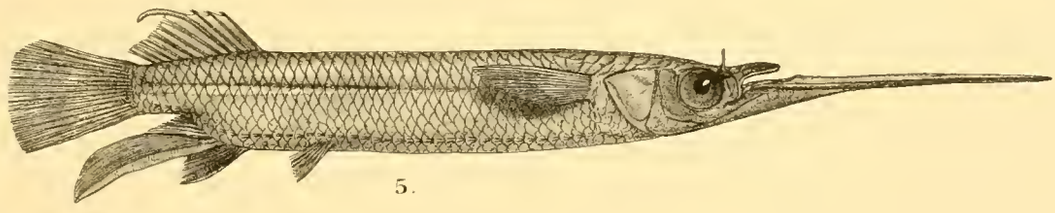

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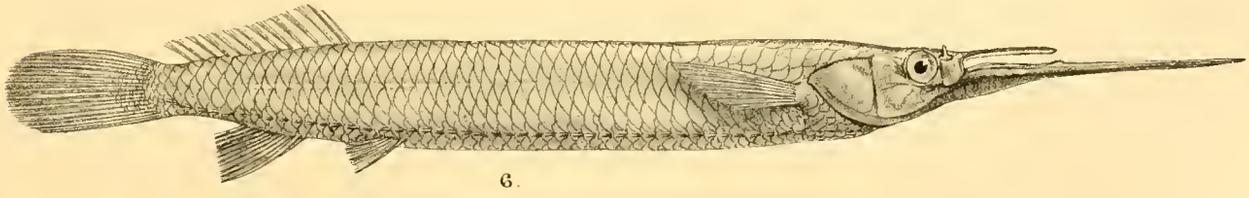

6.

R Mintern del et lith

Mintern Bros imp.

1. HEMIRAMPHUS. CANTORI. 2. H XANTHOPTERUS. 3. H. LIMBATUS.
4. H. BUFFONIS 5. H DISPAR. 6. H. ECTUNCTIO.

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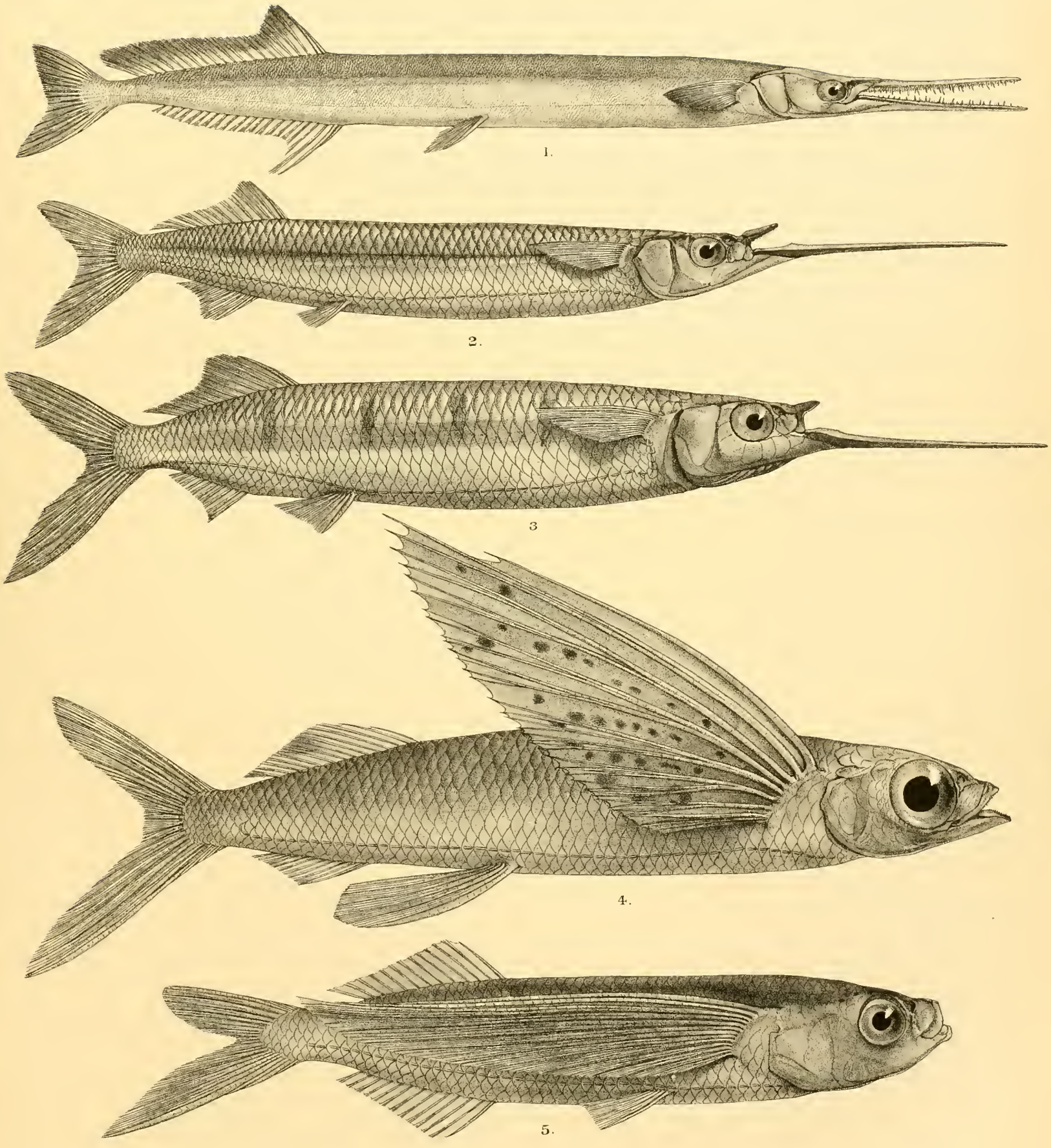
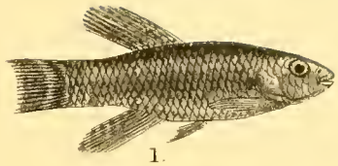
CAMBRIDGE, MA USA



R Mintern del et lith.

Mintern Bros imp

1. BELONE. ANNULATA. 2. HEMIRAMPHUS GEORGII. 3 H FAR
4. EXOCŒTUS. PŒCILOPTERUS. 5 E. EVOLANS.



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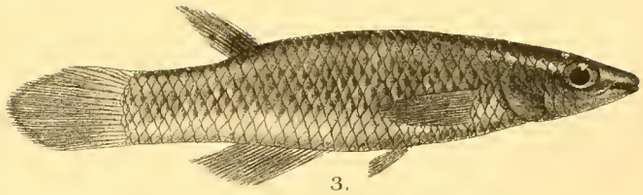

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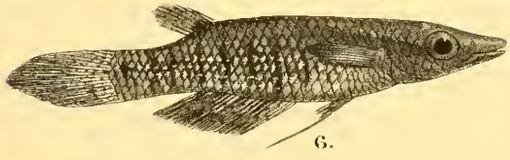

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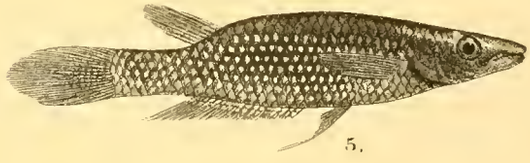

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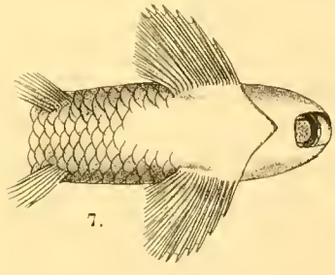

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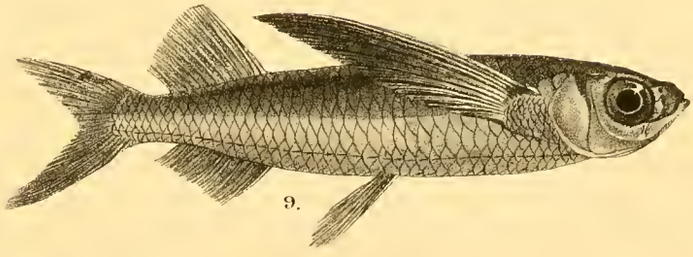

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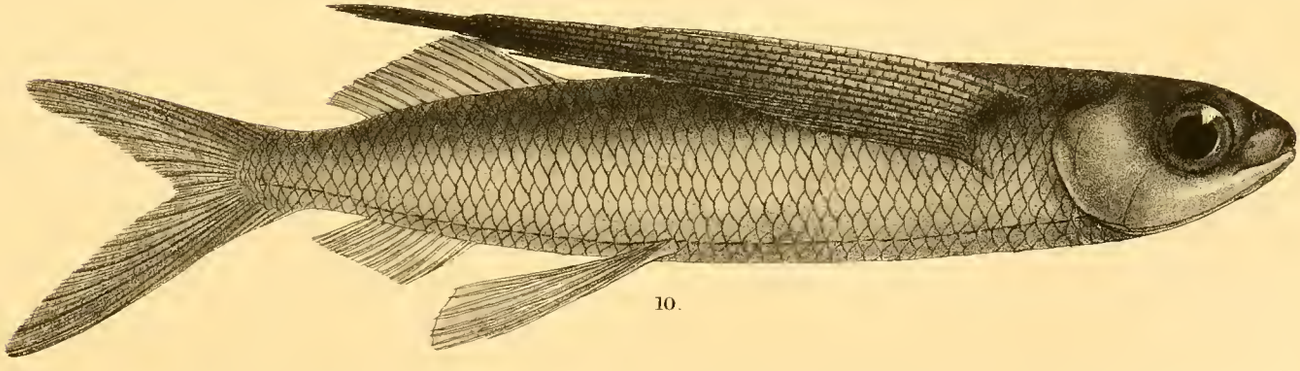
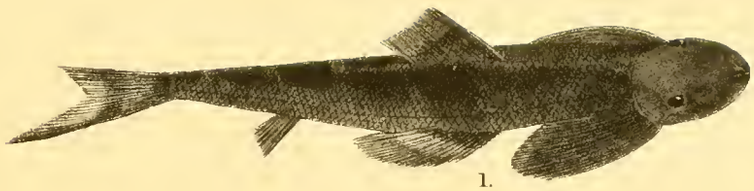


10.

F Day del R.Mintern lith

Mintern Bros. imp.

1, & 2, CYPRINODON DISPAR (MALE & FEMALE). 3, HAPLOCHILUS PANCHAX. 4, H. MELASTIGMA.
5, H. RUBROSTIGMA. 6, H. LINEATUM. 7, PSILORHYNCHUS BALITORA. 8, HOMALOPTERA BILINEATA
9, EXOCÆTUS MENTO. 10, E. BAHIENSIS.



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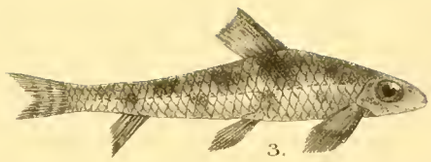

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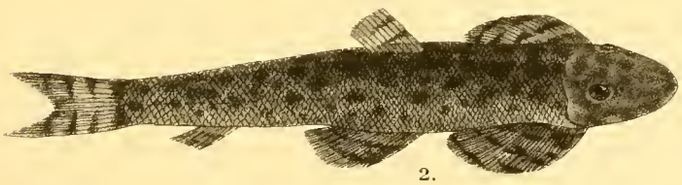

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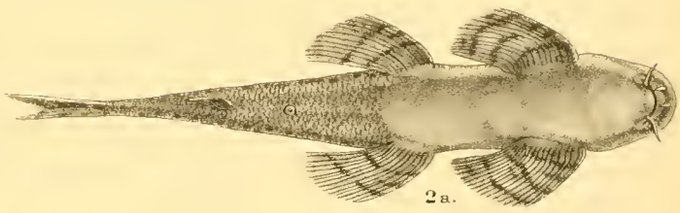

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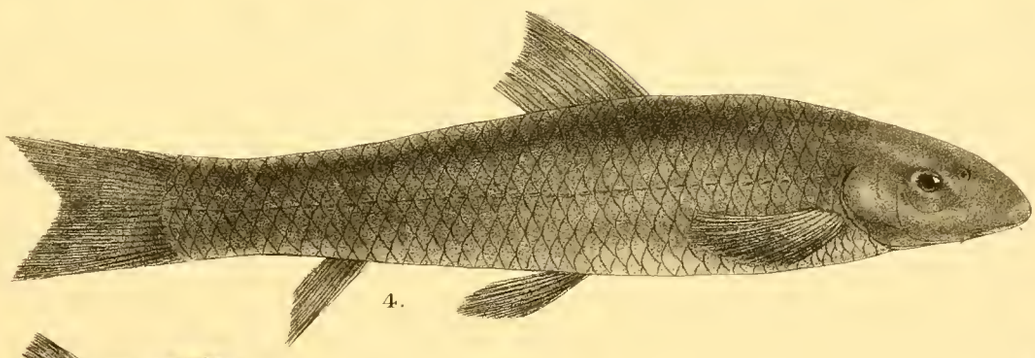

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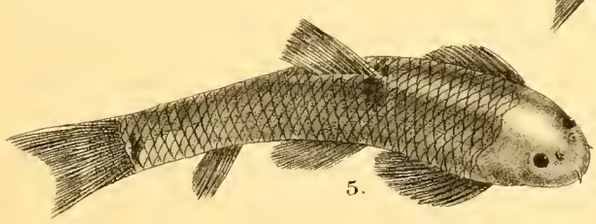

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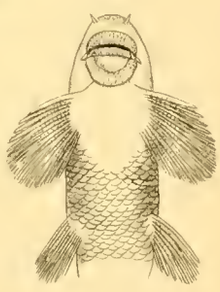

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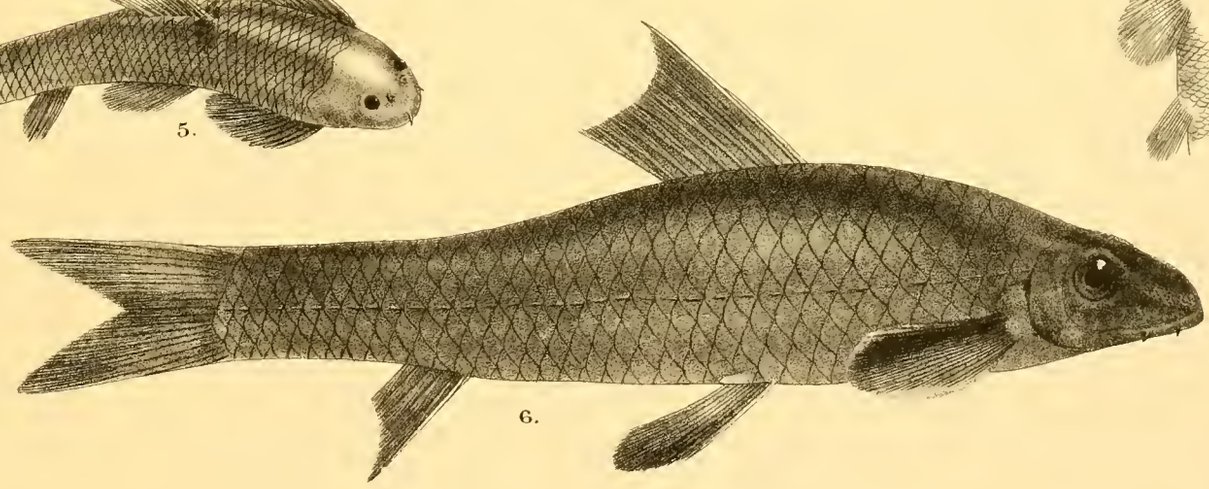

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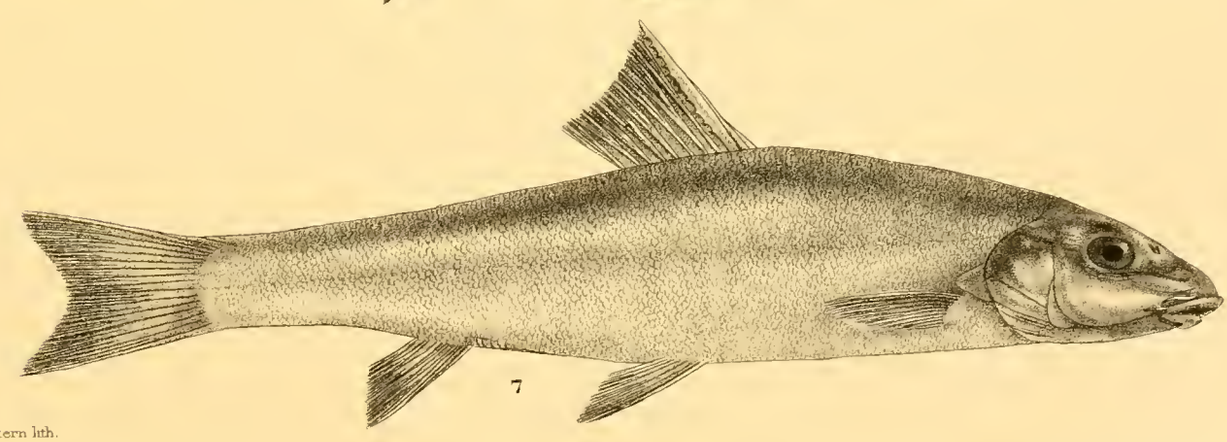


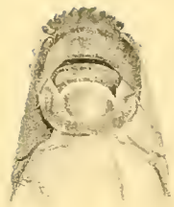
7

F Day del R Mintern lith. Mintern Bros imp

1, HOMALOPTERA BRUCEI. 2, H MACULATA. 3, PSILORHYNCHUS BALITORA. 4, DISCOGNATHUS LAMTA.
5, D. MODESTUS. 6, D. JERDONI 7, SCHIZOTHORAX PROGASTUS.

[illegible]
H[illegible]TY
CA[illegible] USA

1.



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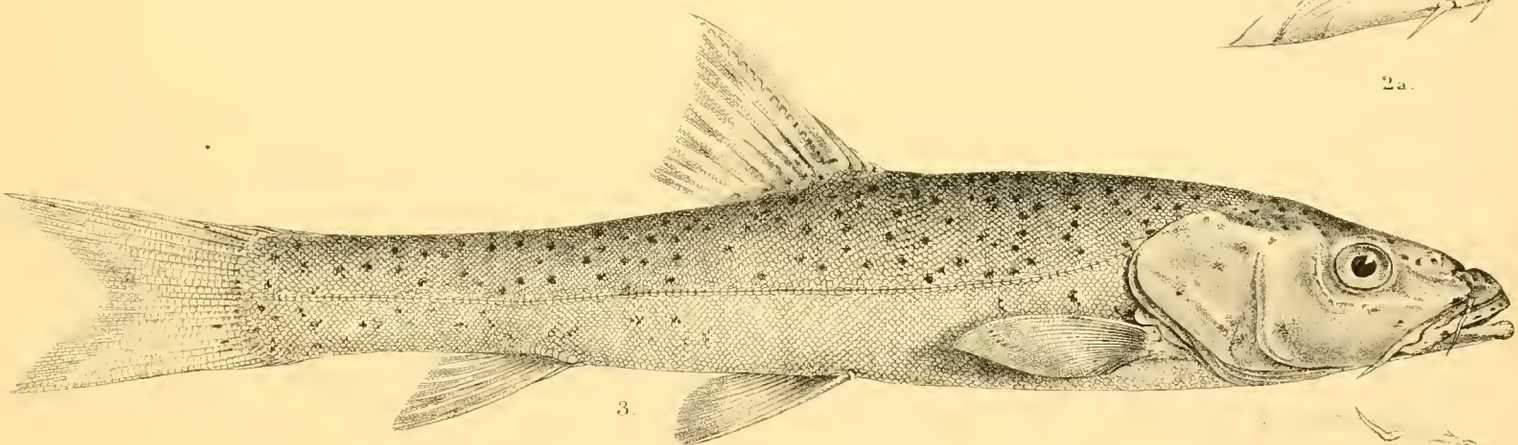

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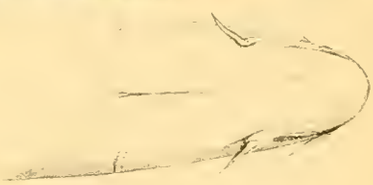

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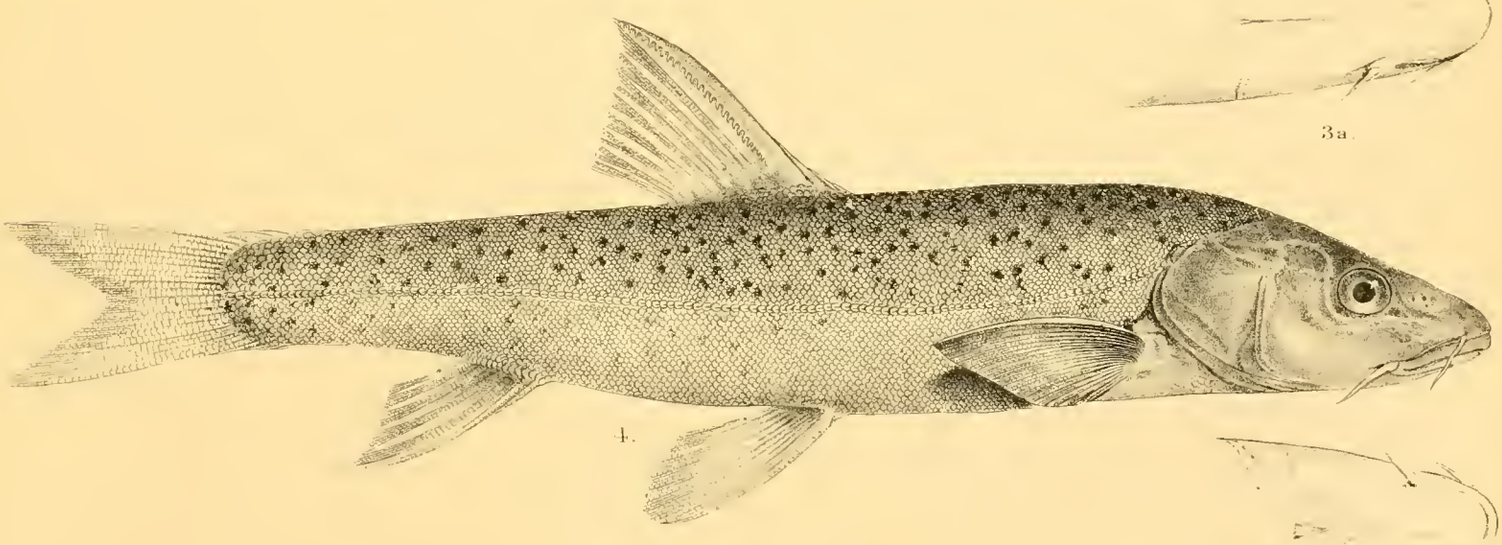


4.

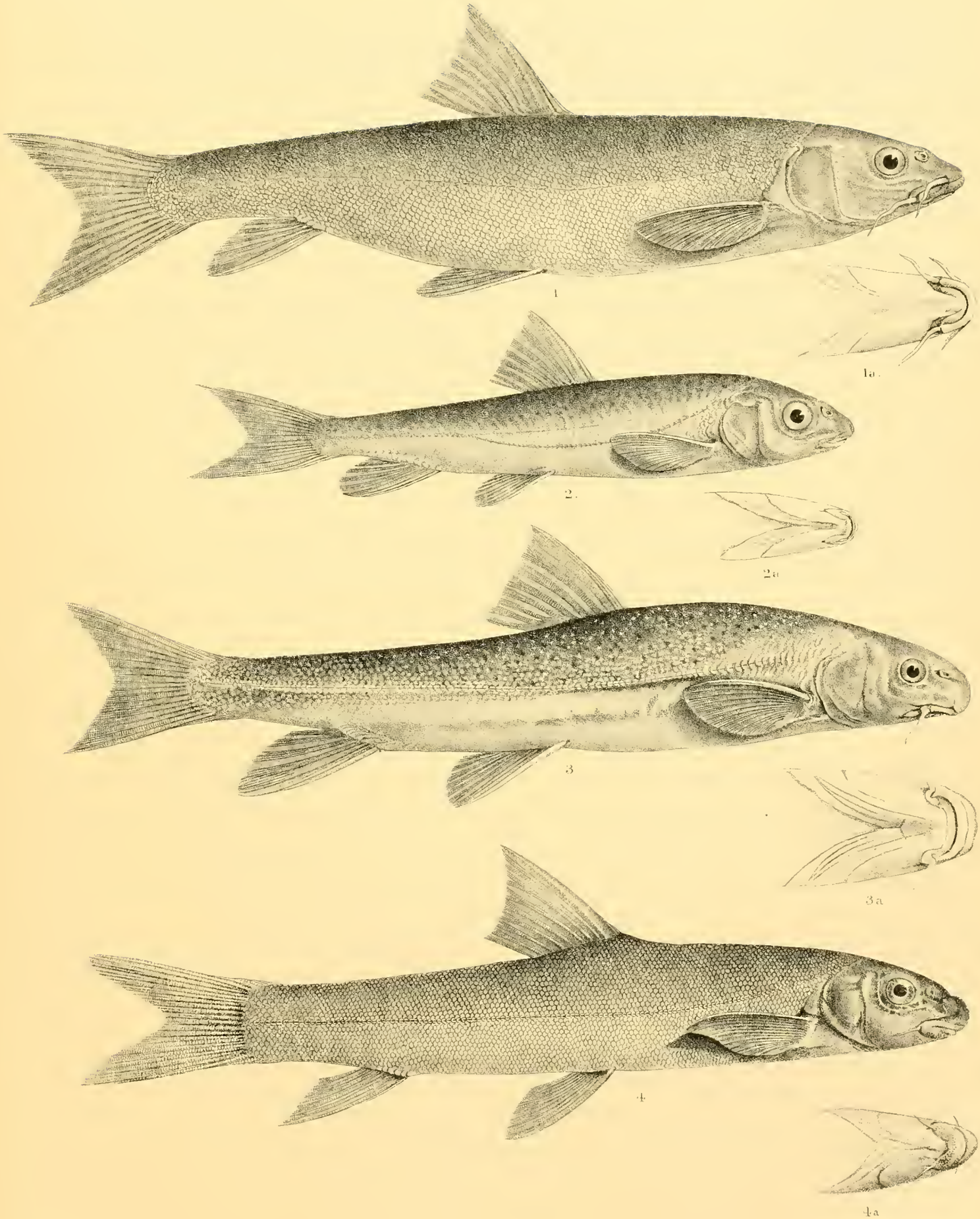
4a.

Artules, del. et lith.

Martin & Hood Ltd.

1 DISCOGNATHUS LAMTA 2. SCHIZOTHORAX CHRYSOCHLORUS 3 S PUNCTATUS.
4 S. ESOCINUS.

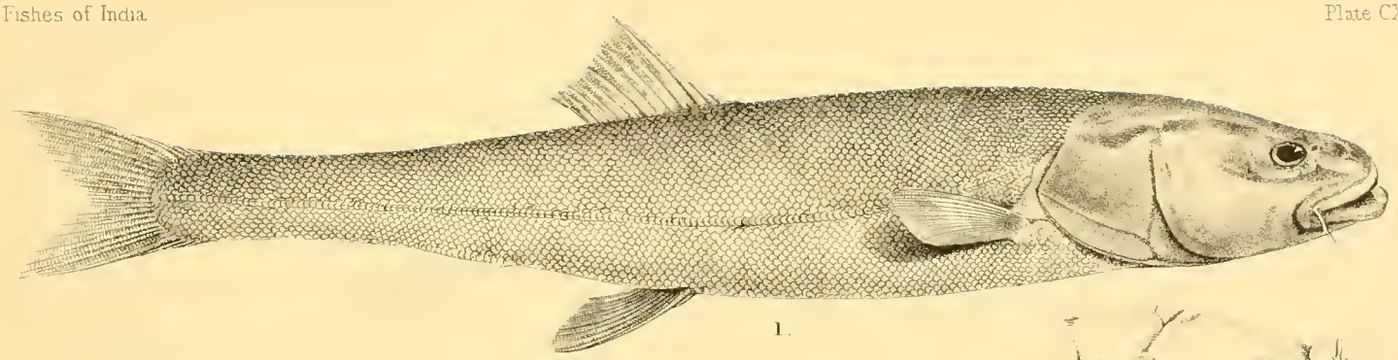
USA



C. Achilles, del. et lith. Martin & Hood imp.

1. SCHIZOTHORAX INTERMEDIUS 2. SCHIZOPYGOPSIS STOLICZKÆ 3. DIPTYCHUS MACULATUS
4. OREINUS SINUATUS.

USA



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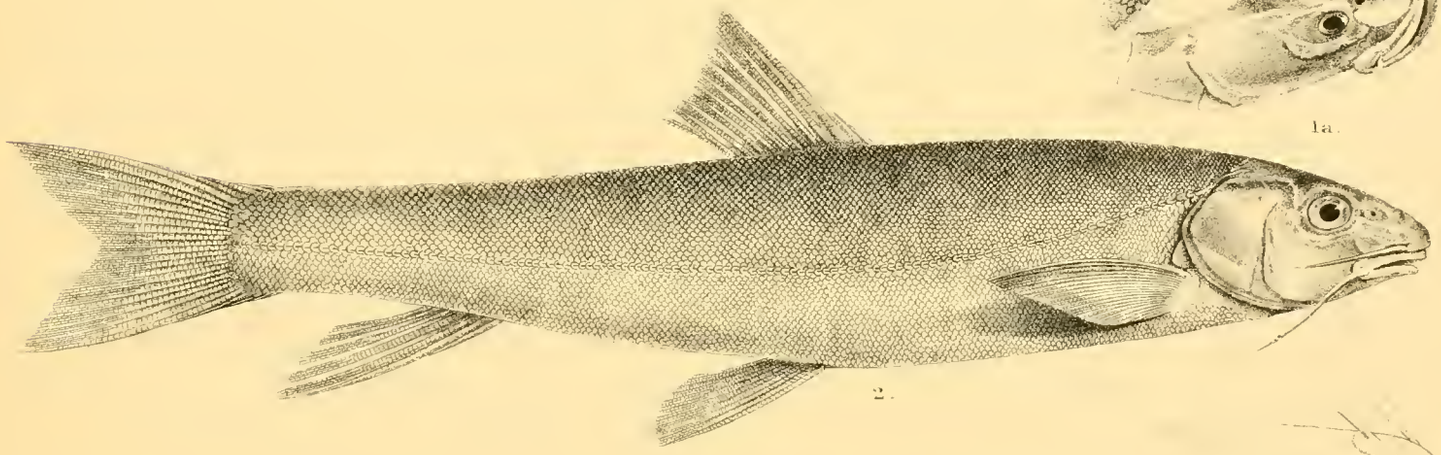

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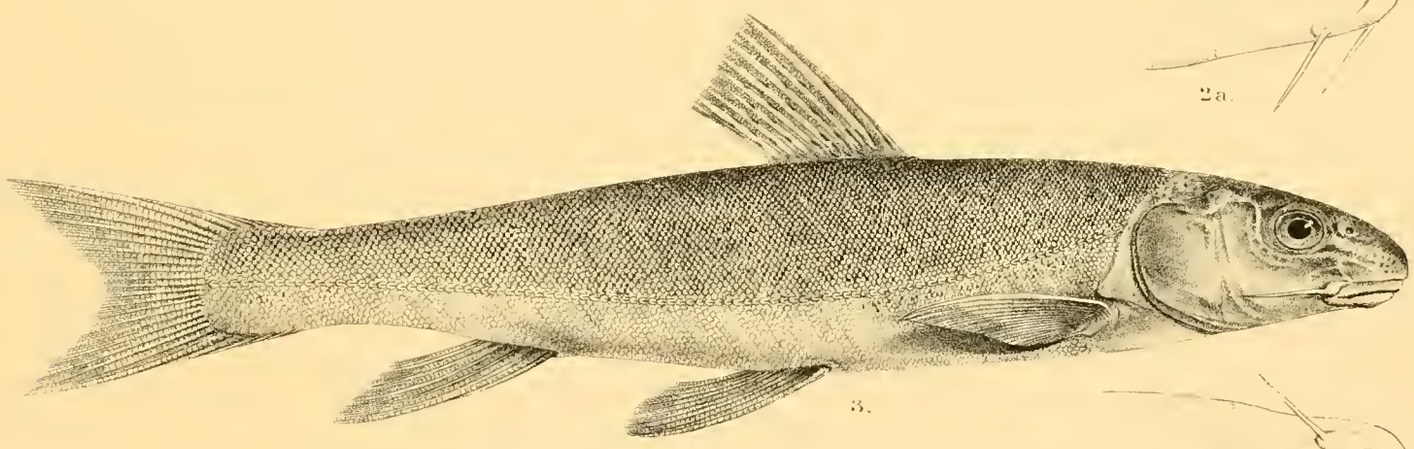

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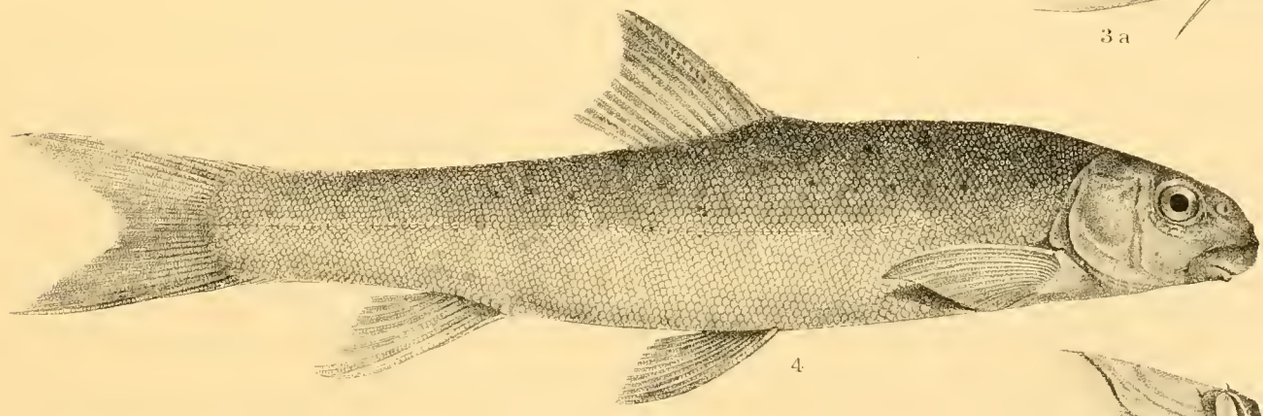


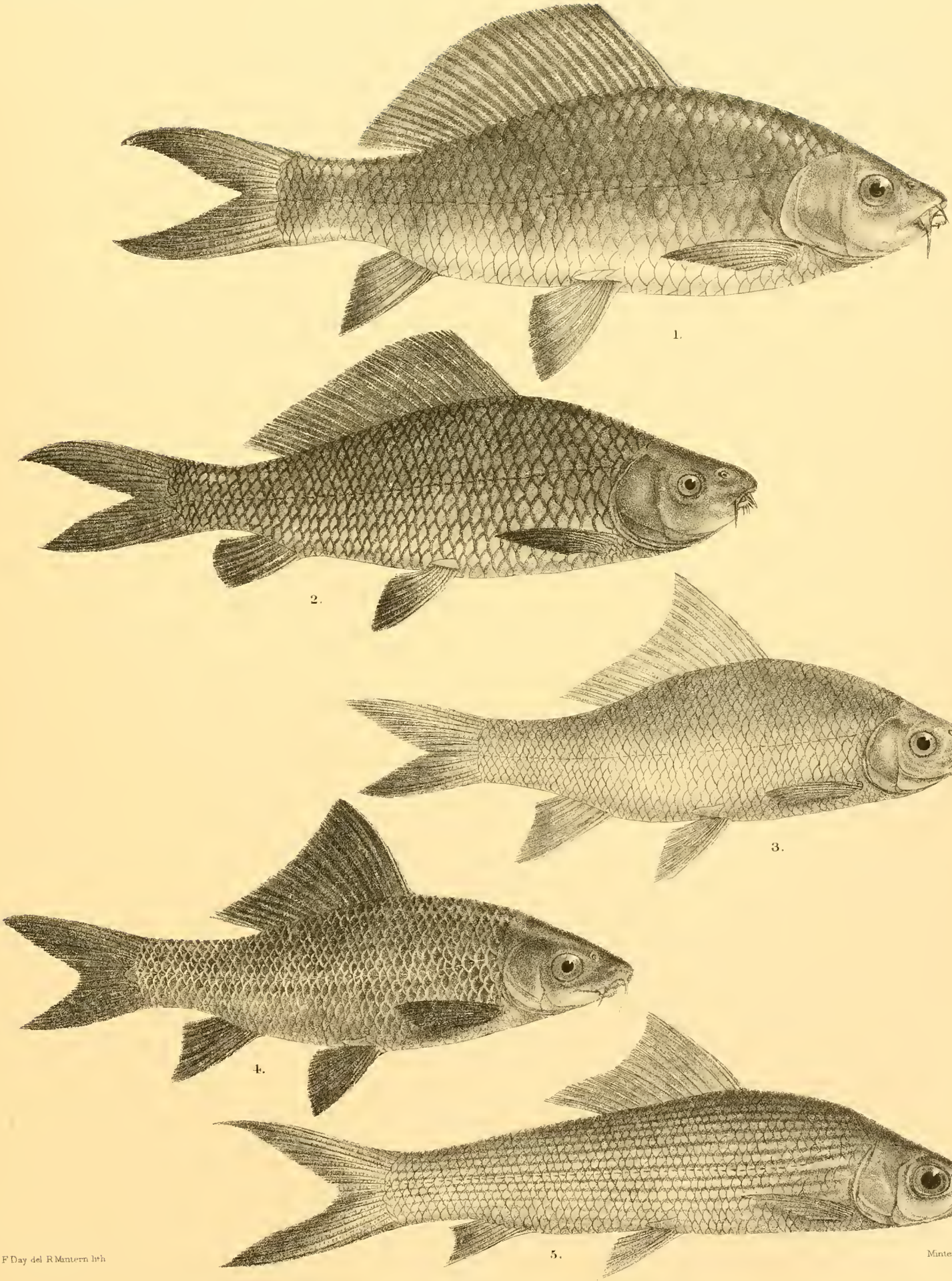
4.

4a

Day, del. Vinden, lith. Dorman & Hood, imp.

1. PTYCOBARBUS LATICEPS 2. SCHIZOTHORAX MICROCEPHALUS. 3. PTYCOBARBUS CONIROSTRIS.
4 OREINUS RICHARDSONII

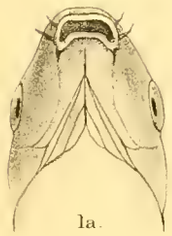
TY
USA



F Day del R Mintern lith Mintern Bros. imp

1. LABEO NANDINA. 2. L. MACRONOTUS. 3. L. FIMBRIATUS. 4. L. CALBASU.
5. L. DUSSUMIERI.

USA



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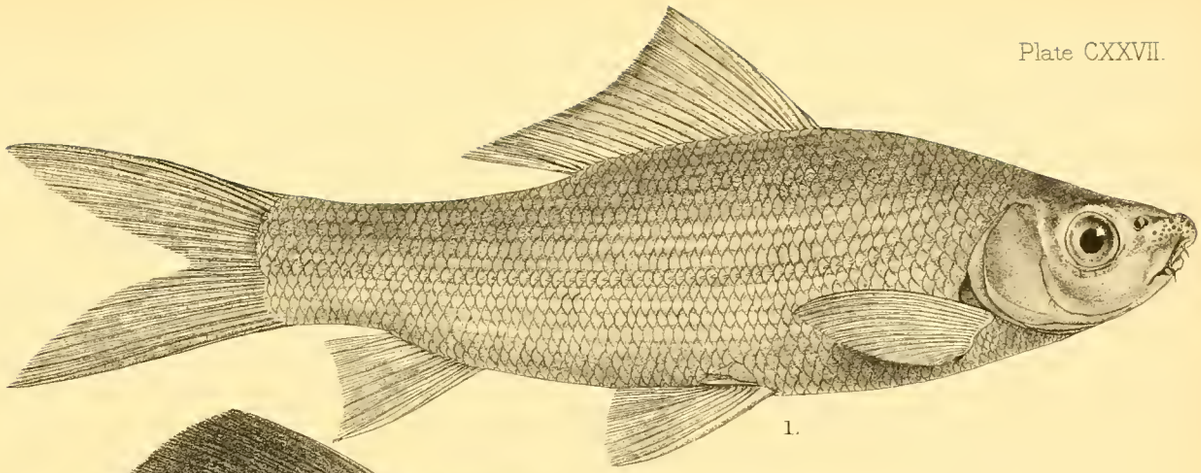

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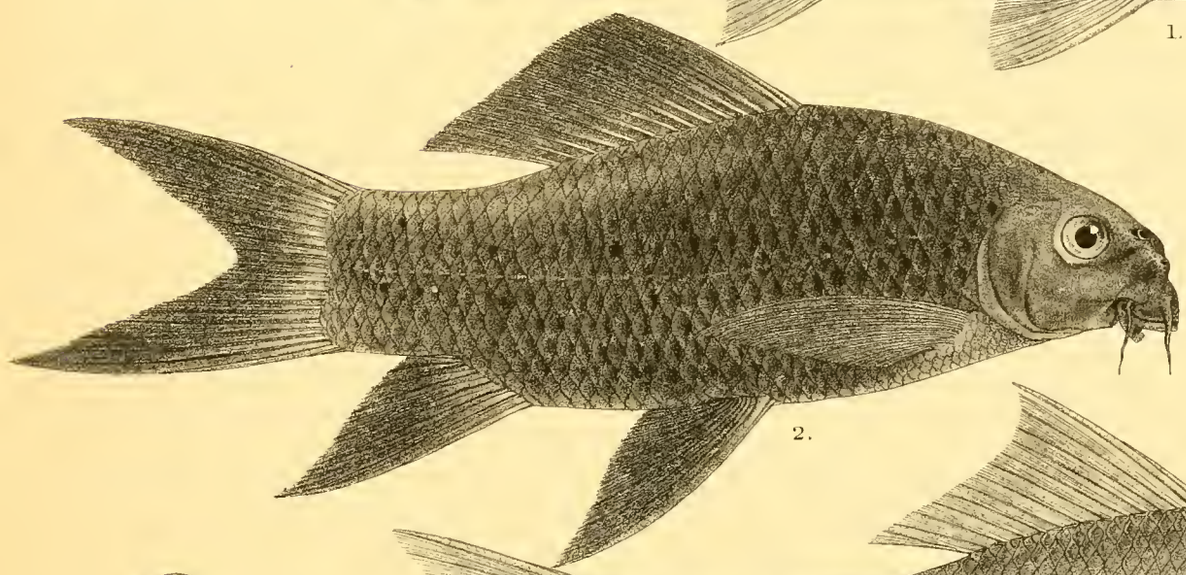

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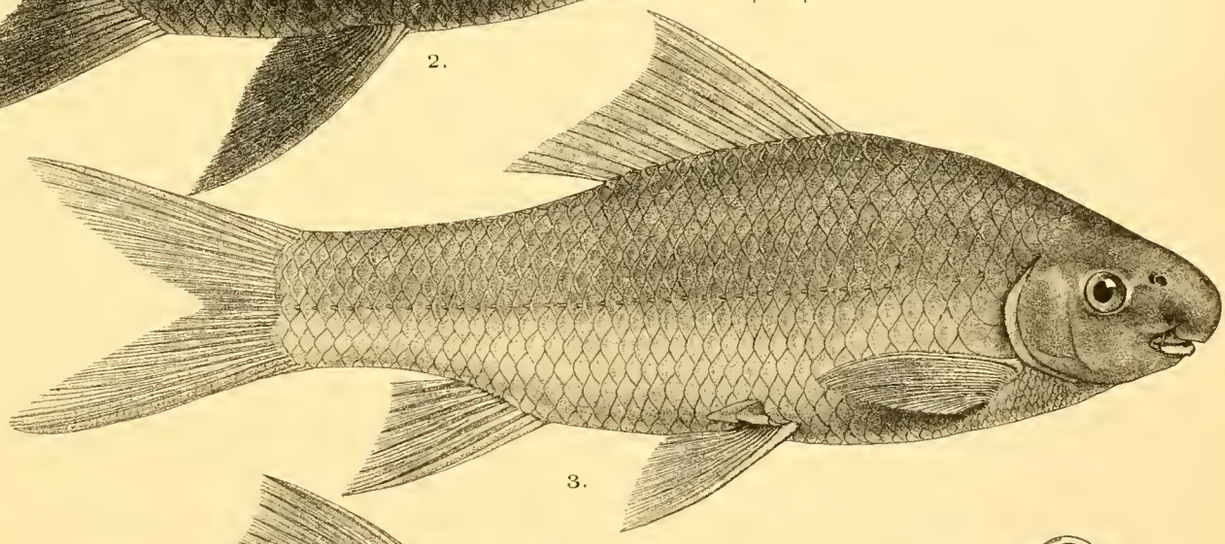

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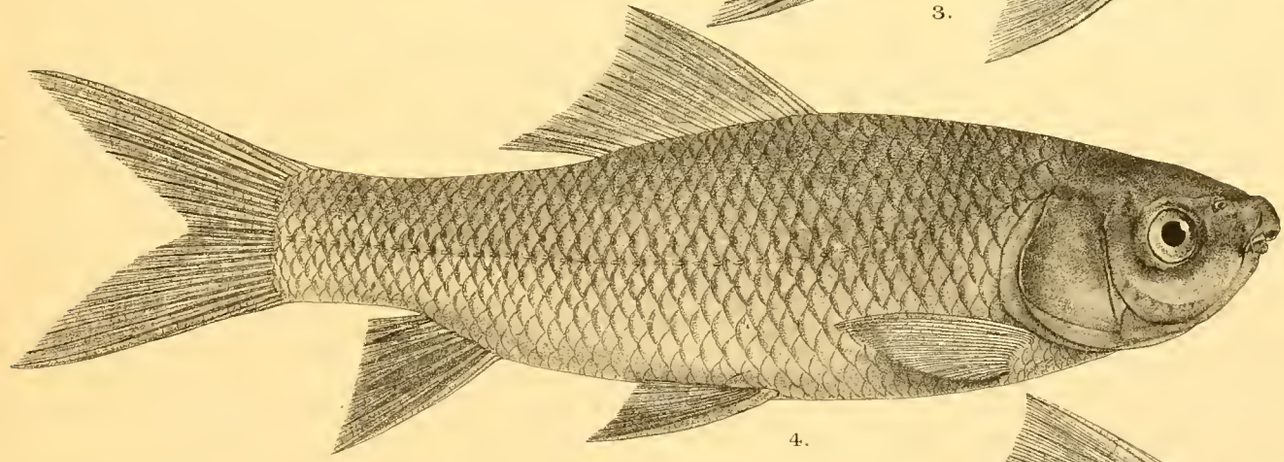

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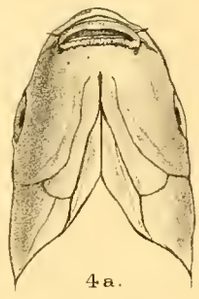

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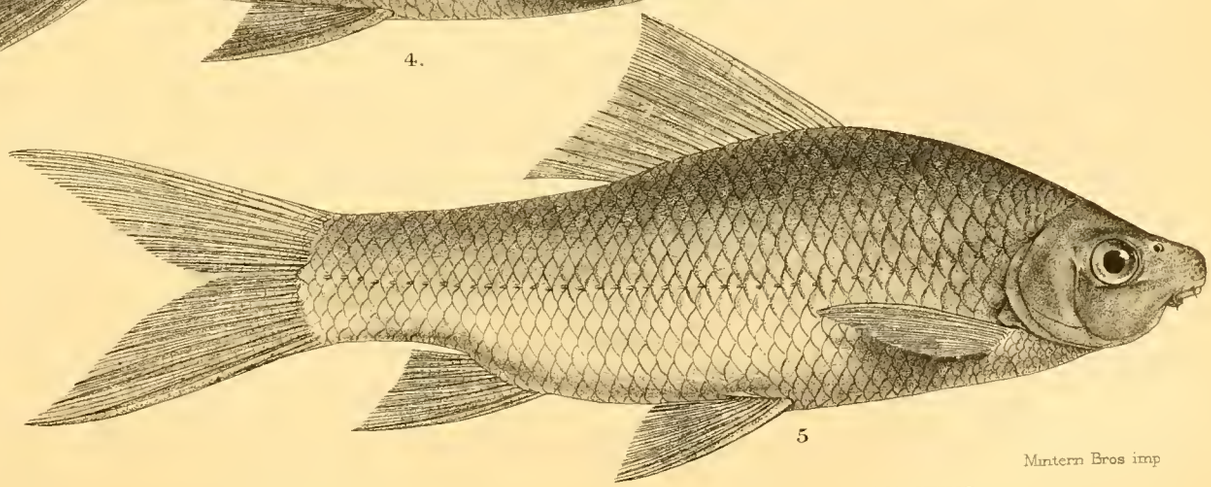


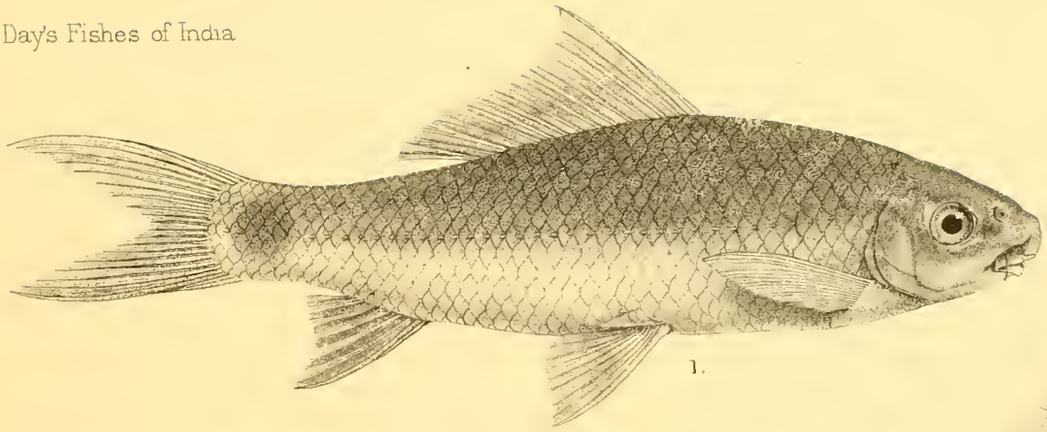
5.

C.L.Griesbach.

Mintern Bros imp

1, LABEO GONIUS. 2, L. NIGRESCENS. 3, L. POTAIL. 4, L. ROHITA. 5, L. KONTIUS.

M
HAR TY
CAMB SA



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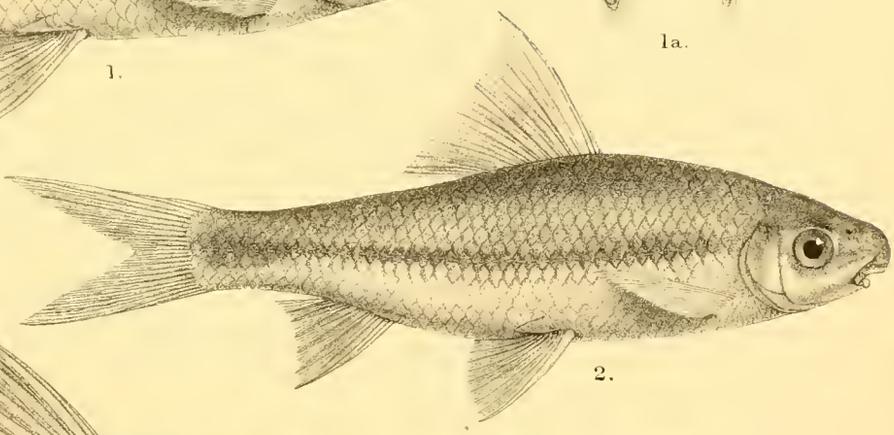
2a.



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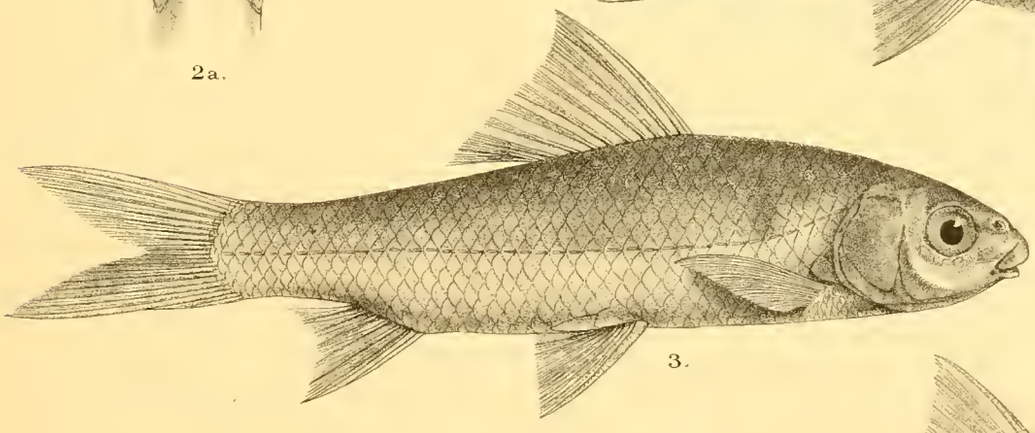

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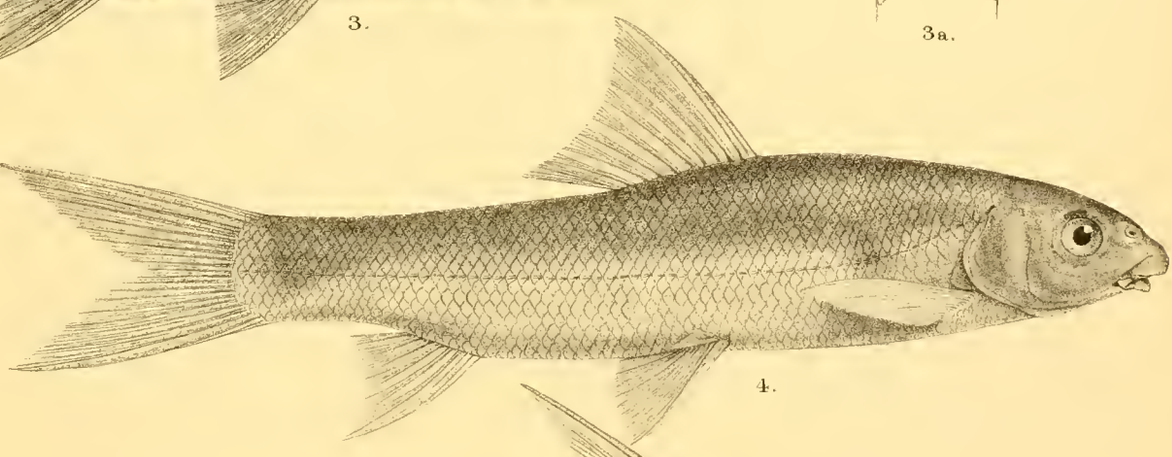
3a.

4a.



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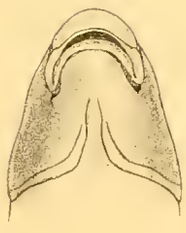

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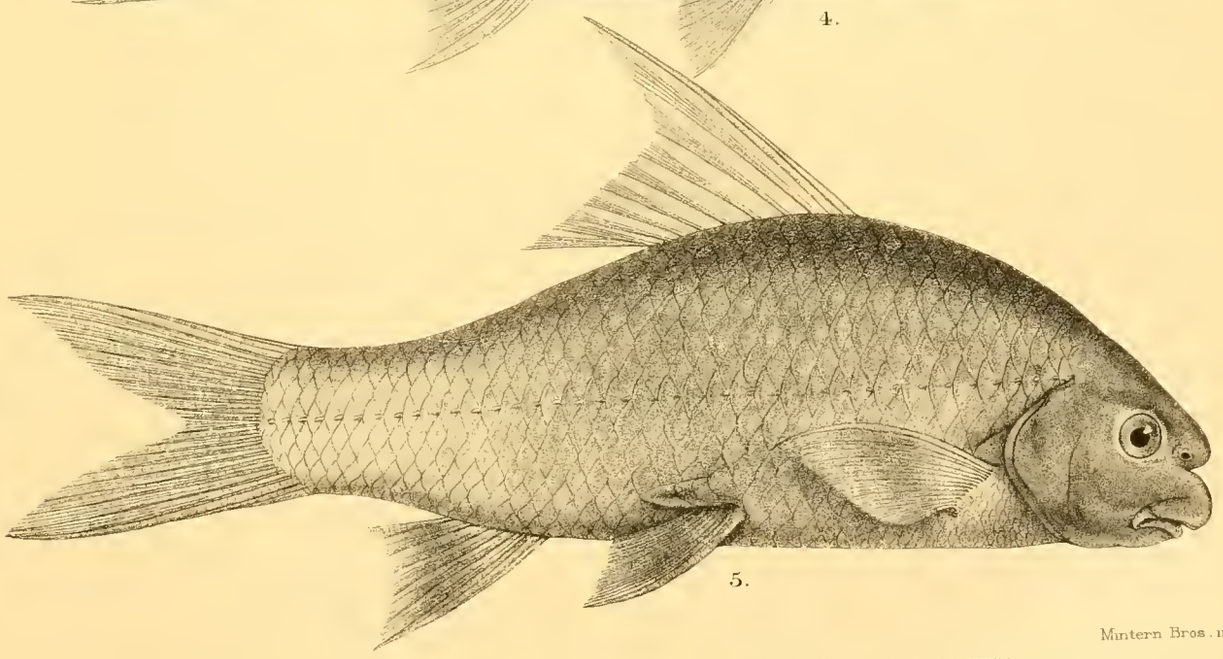


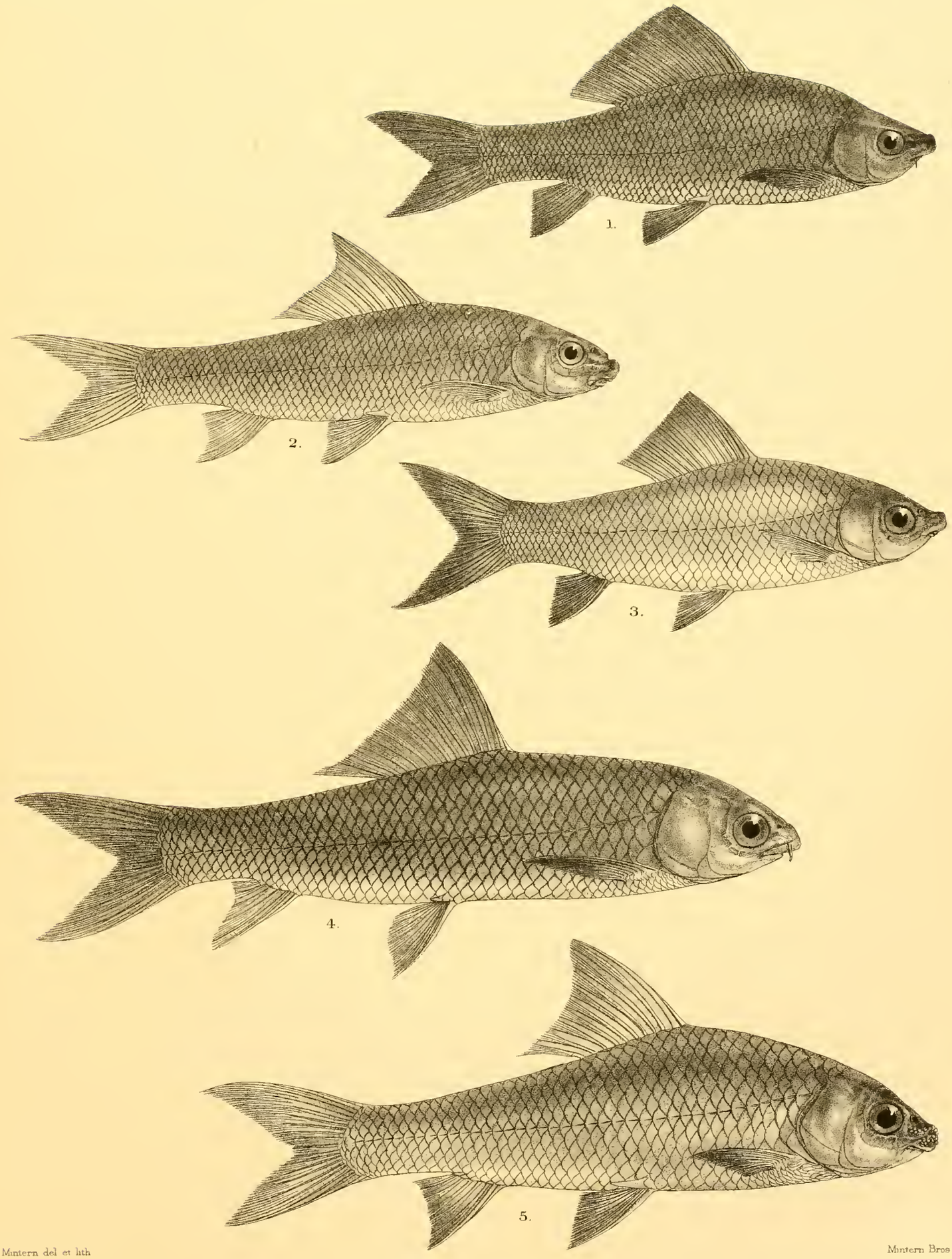
5.

C.L.Griesbach

Mintern Bros. imp

1, LABEO PORCELLUS. 2, L. ANGRA. 3, L. BOGA. 4, L. BOGGUT. 5, L NUKTA

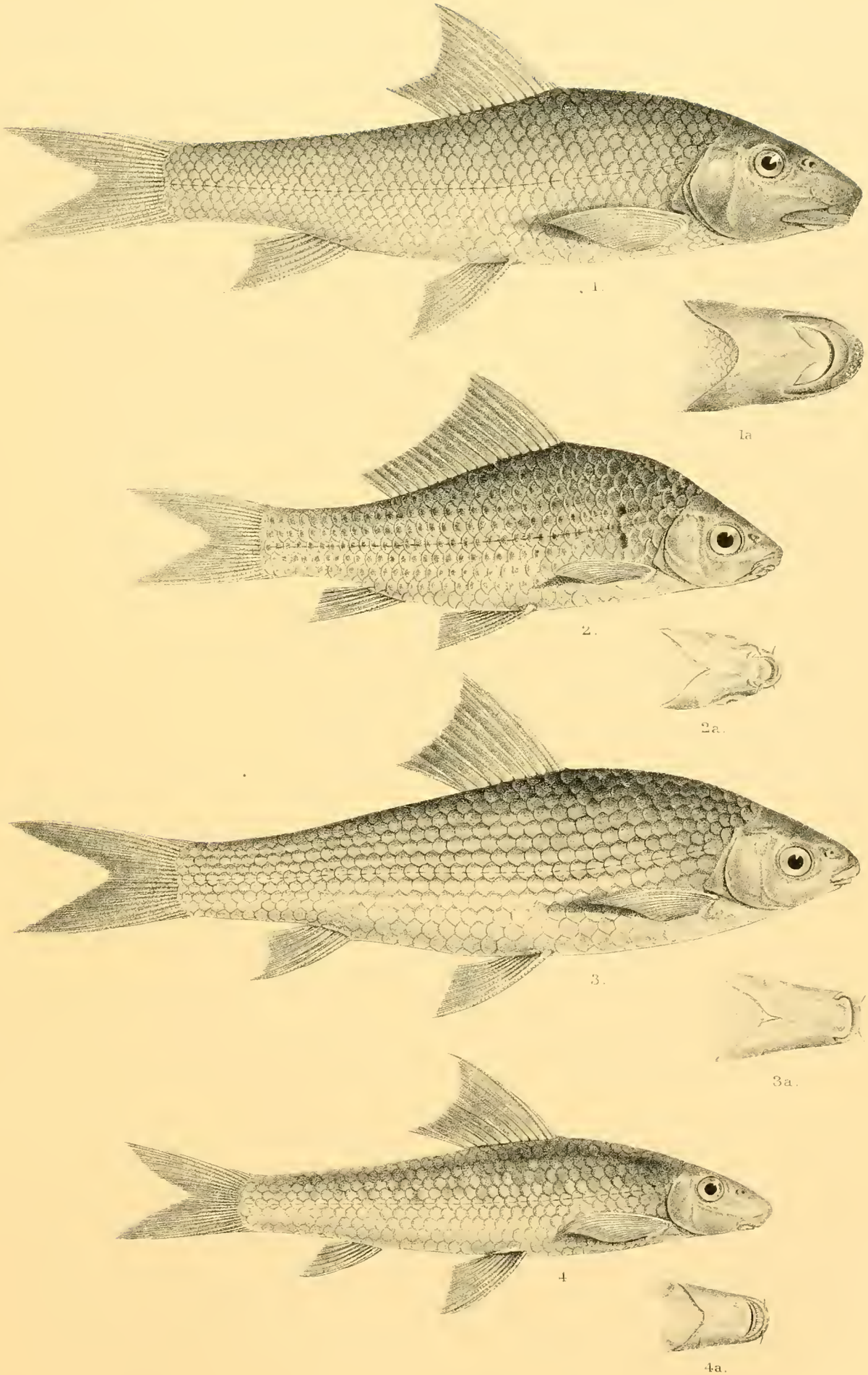
HA TY
CA LSA



R Mintern del et lith Mintern Bros imp.

1, OSTEOCHILUS CHALYBEATUS. 2, LABEO DIPLOSTOMUS. 3, L CÆRULEUS. 4, CIRRHINA MRIGALA.
5, LABEO BATA.

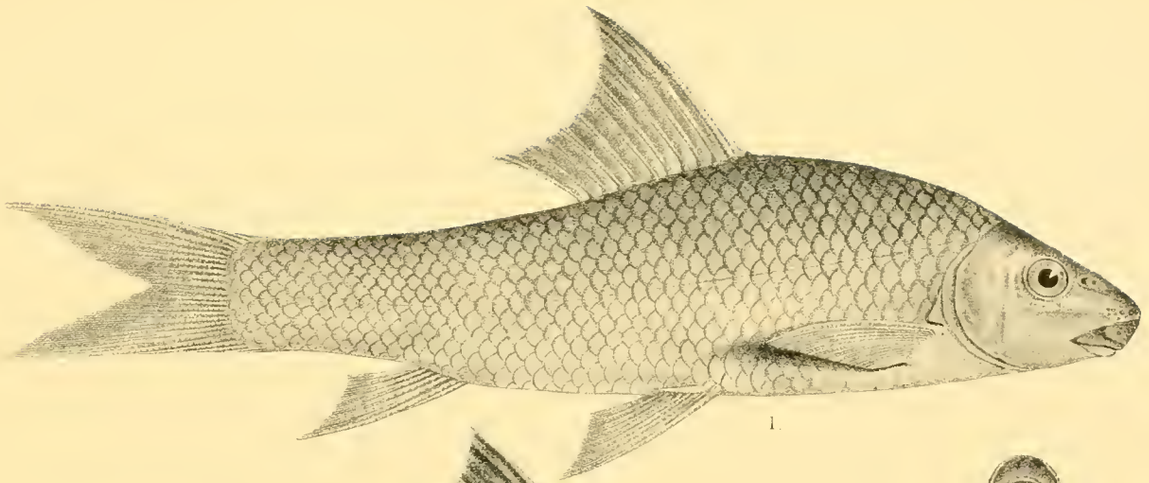
MC[illegible]Y
HA[illegible]UY
CA[illegible]SA



C.Adalles, del et lith. Martin & Hood imp

1. LABEO DYOCHEILUS. OSTEOCHILUS NEILLI. 3. CIRRHINA REBA. 4. C. LATIA.

M[illegible]RY
H[illegible]ITY
CA[illegible] USA



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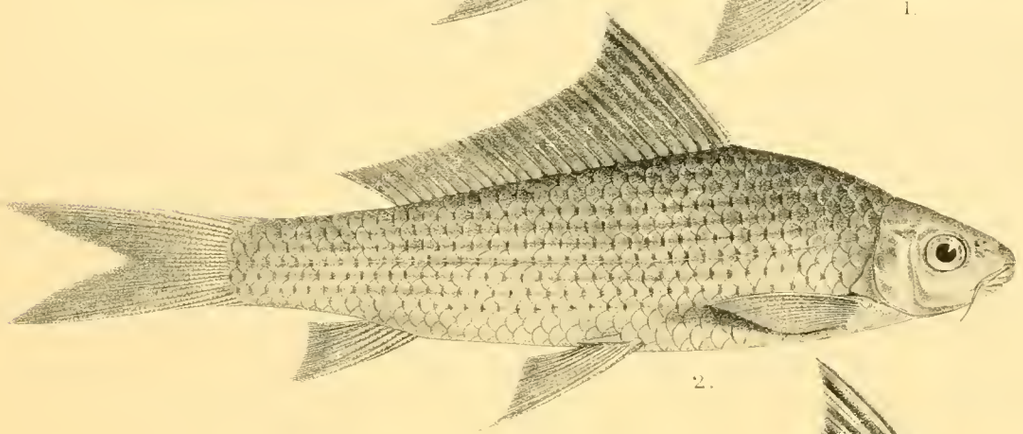

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2a

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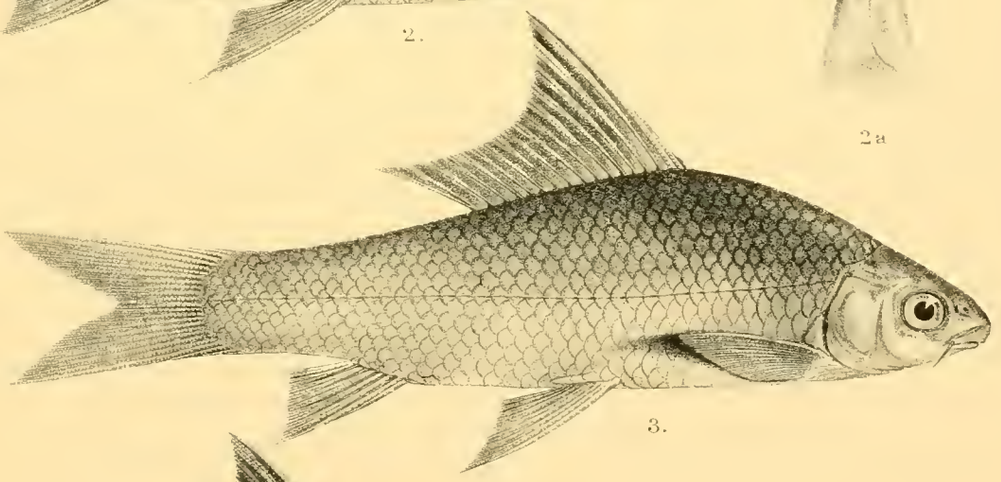

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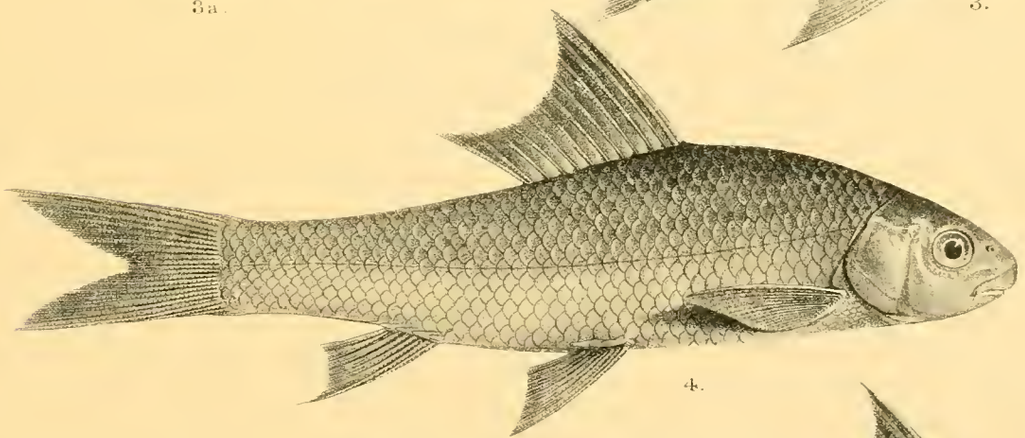

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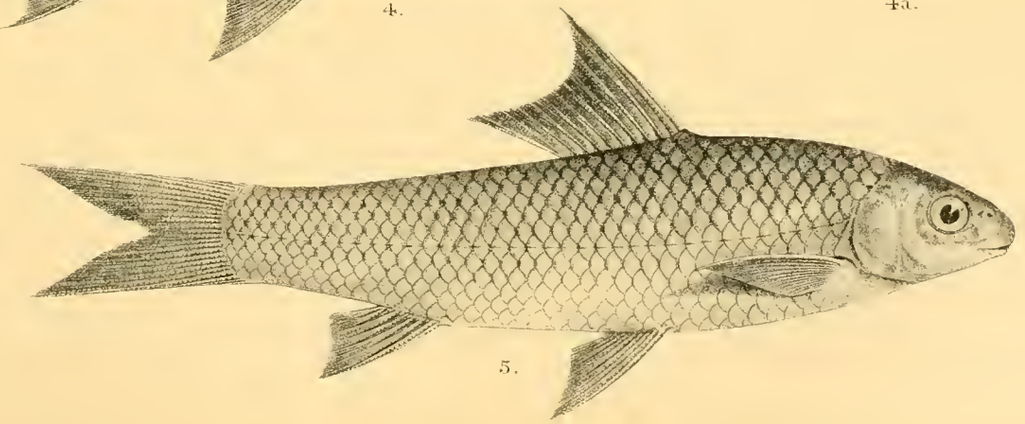
4a.

5a.



5.

C.A. Atkinson del. et lith. Martin & Hood imp

1. LABEO PANGUSIA. 2. DANGILA BURMANICA. 3. CIRRHINA CIRRHOSA.
4. LABEO BOGA. 5. L. KAWRUS.

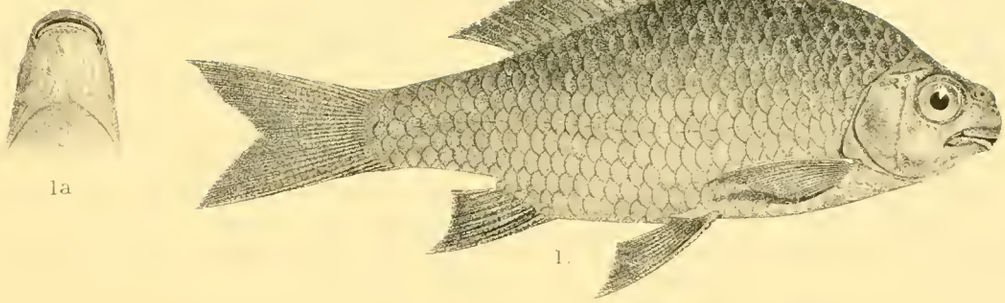
M
HA
C

R. Mintern del. et lith

Mintern Bros. imp.

1, CIRRHINA FULUNGEE. 2 LABEO SINDENSIS 3, L. NIGRIPINNIS. 4, L. MICROPHTHALMUS. 5, L ARIZA.

M[illegible]Y
HA[illegible]Y
CA[illegible]MA USA



1a

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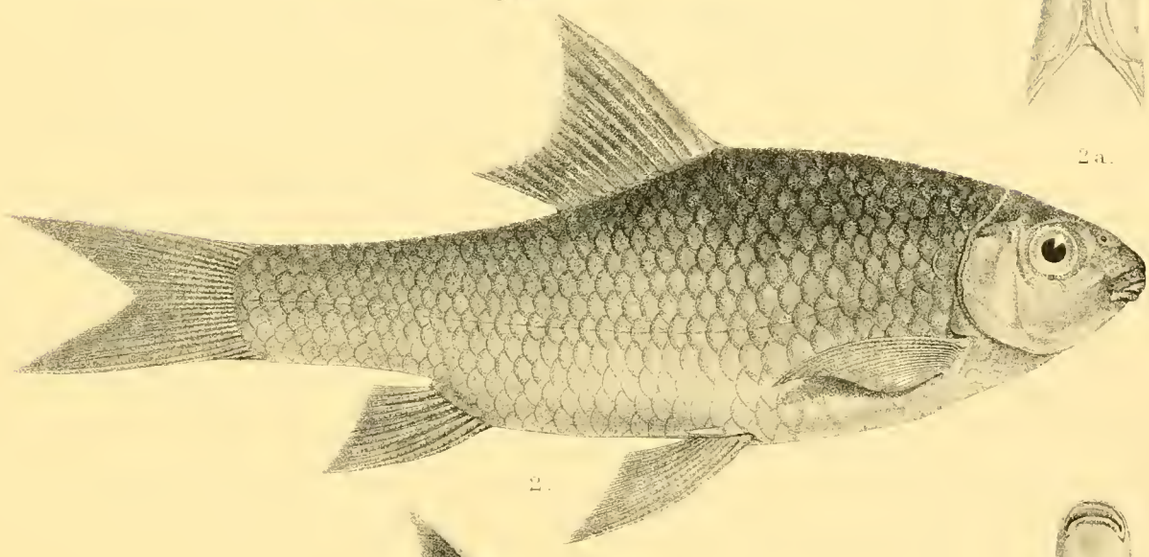
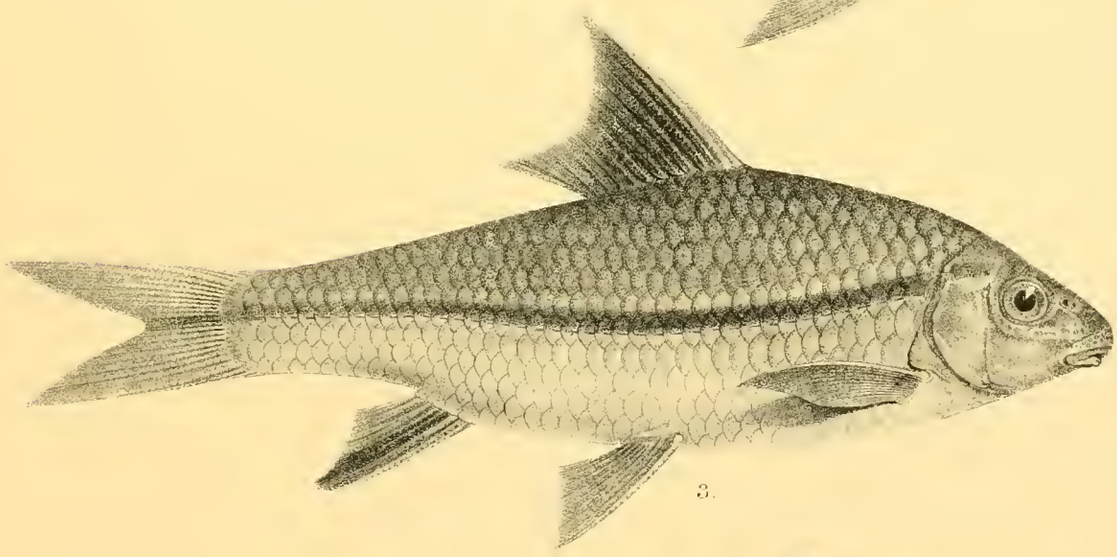


2.

3a



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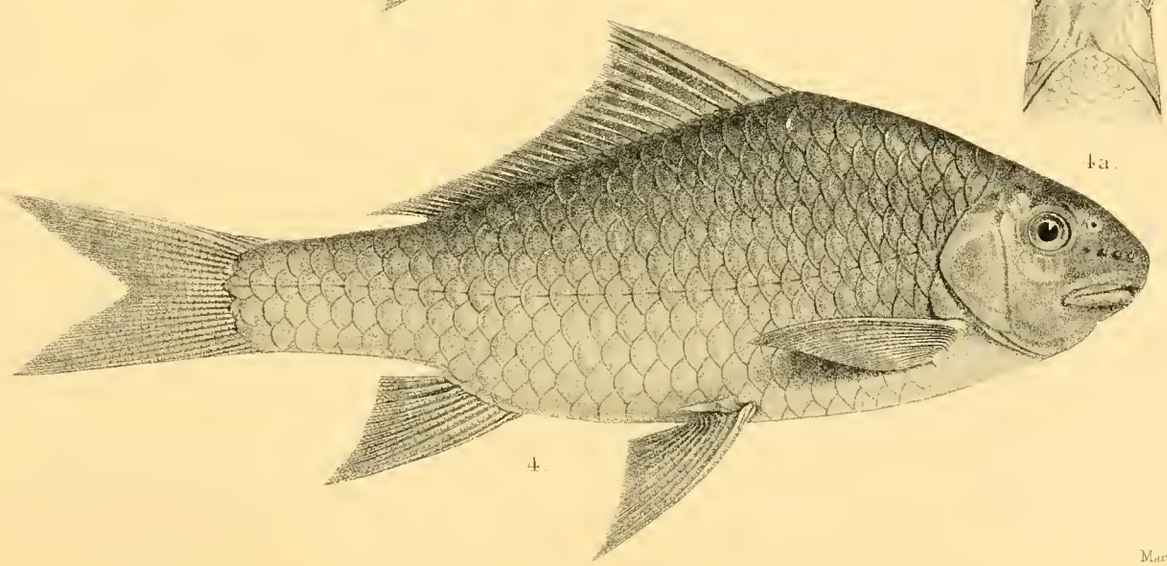
4a.

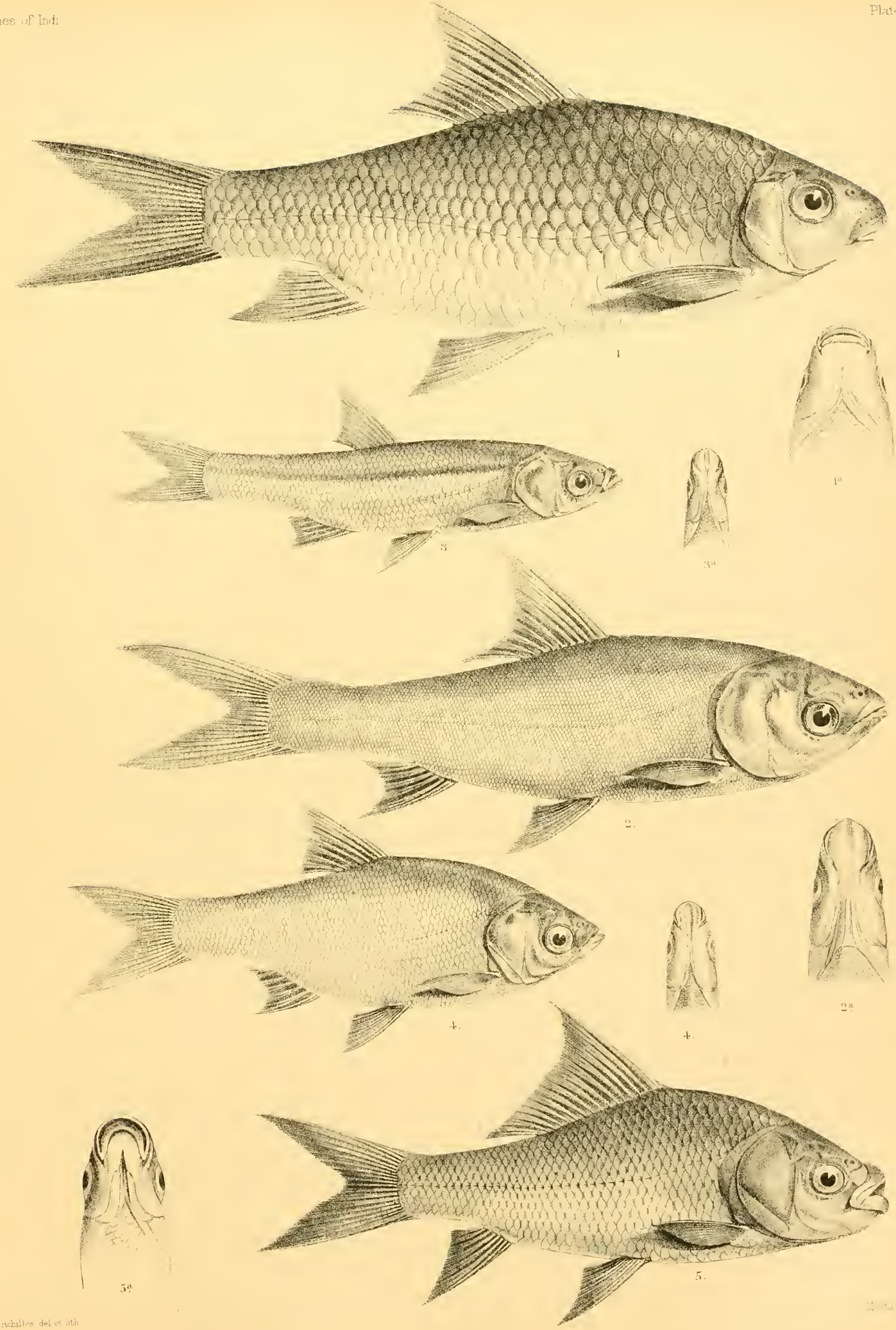


4.

Schules, del et lith. Martin & Hood. imp.

1 SEMIPLOTUS MODESTUS. 2. SCAPHIODON BREVIDORSALIS. 3 S. NASHII.
4. SEMIPLOTUS MACCLELLANDI.

USA



1

1a

3

3a

2.

2a

4.

4.

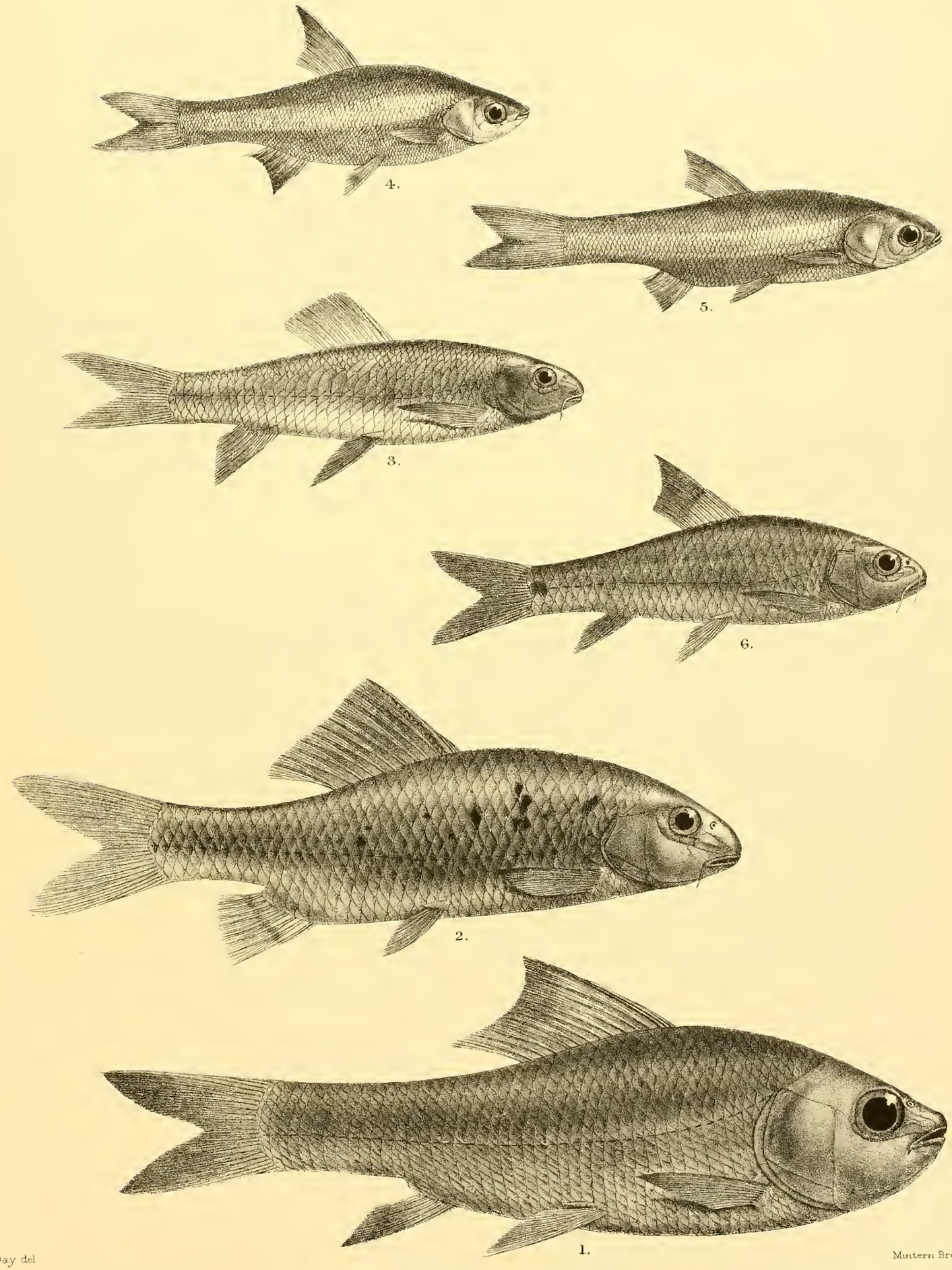
5a

5.

Archallos del et lith

Hood imp

1 SCAPHIODON THOMASII. 2 THYNNICHTHYS SANDKHOL. 3 AMBLYPHARYNGODON MELETTINUS.
4 A. ATKINSONII. 5 CATLA BUCHANANI.

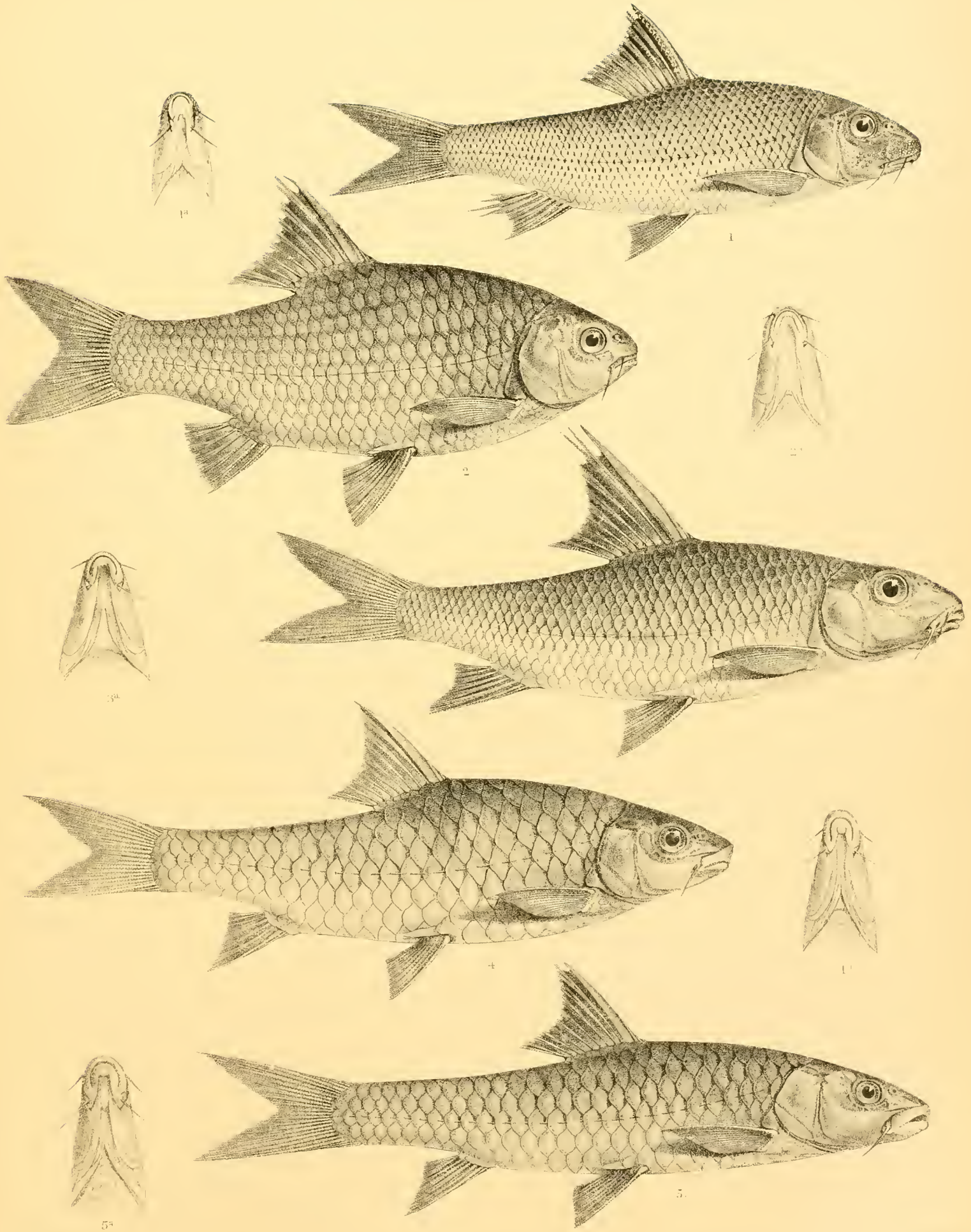


F Day del

Muntern Bros imp

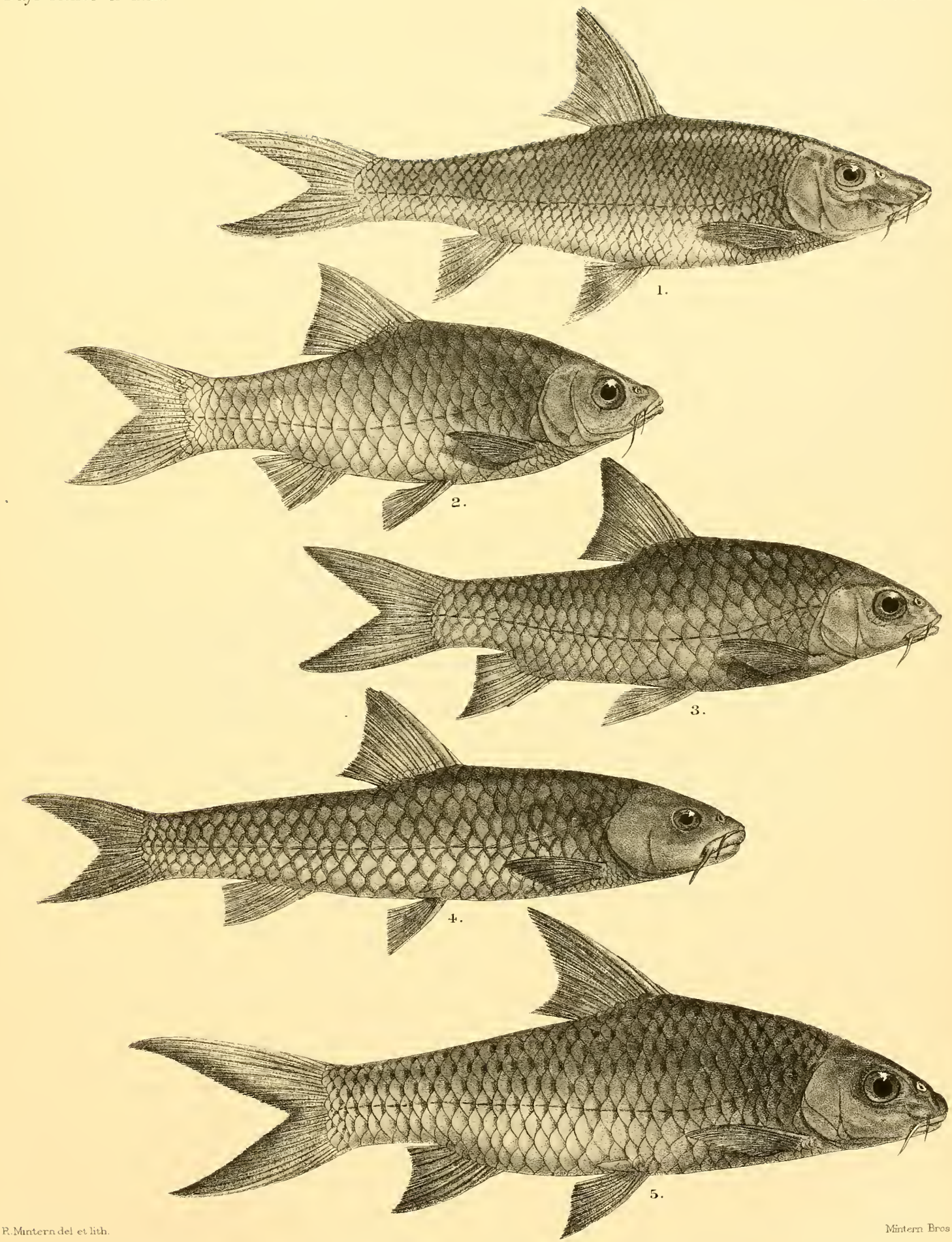
1, LABEO STOLICZKÆ 2, SCAPHIODON WATSONI. 3, S. IRREGULARIS. 4, AMBLYPHARYNGODON MOLA.
5, A. MICROLEPIS. 6, BARBUS STEPHENSONII.

MCZ LIBRARY
HARVARD UNIVERSITY
CAMBRIDGE



1 BARBUS CHAGUNIO 2 B SARANA 3. B MICROPOGON.
4. B. HEXASTICHUS 5. B. TOR.

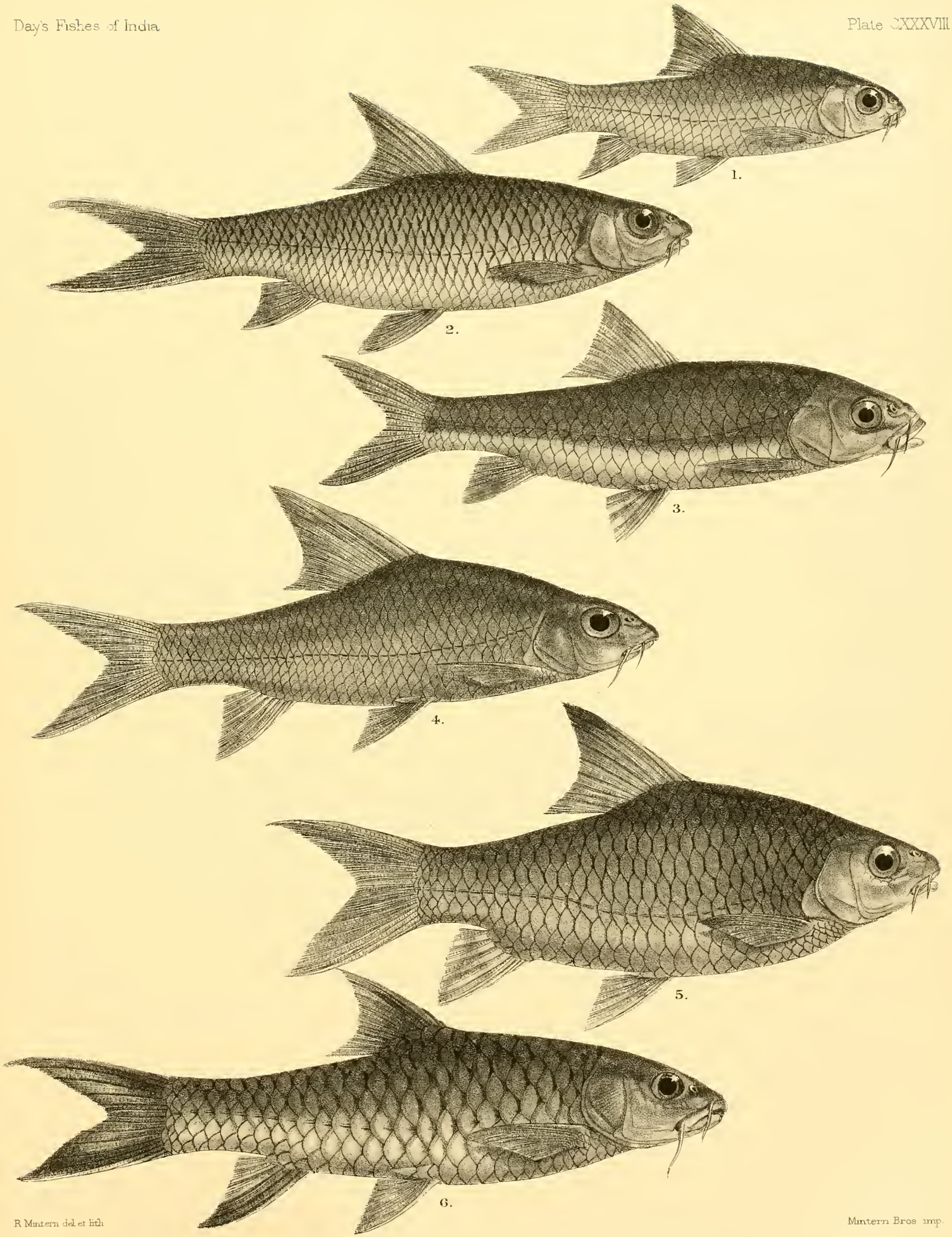
MCZ LIBRARY
HA[illegible]Y
CA[illegible]



R. Mintern del et lith. Mintern Bros imp

1, BARBUS DUBIUS. 2, B. GONIOSOMA. 3, B. CARNATICUS. 4, B. HEXAGONOLEPIS 5, B. THOMASSI.

MCZ LIBRARY
HAR[illegible]UNIVERSITY
C[illegible]



R Mintern del et lith

Mintern Bros imp.

1, BARBUS BOVIANICUS. 2, B. LITHOPIDOS. 3, B. WYNAADENSIS. 4, B. MICROPOGON. 5, B JERDONI.
6, B. MALABARICUS.

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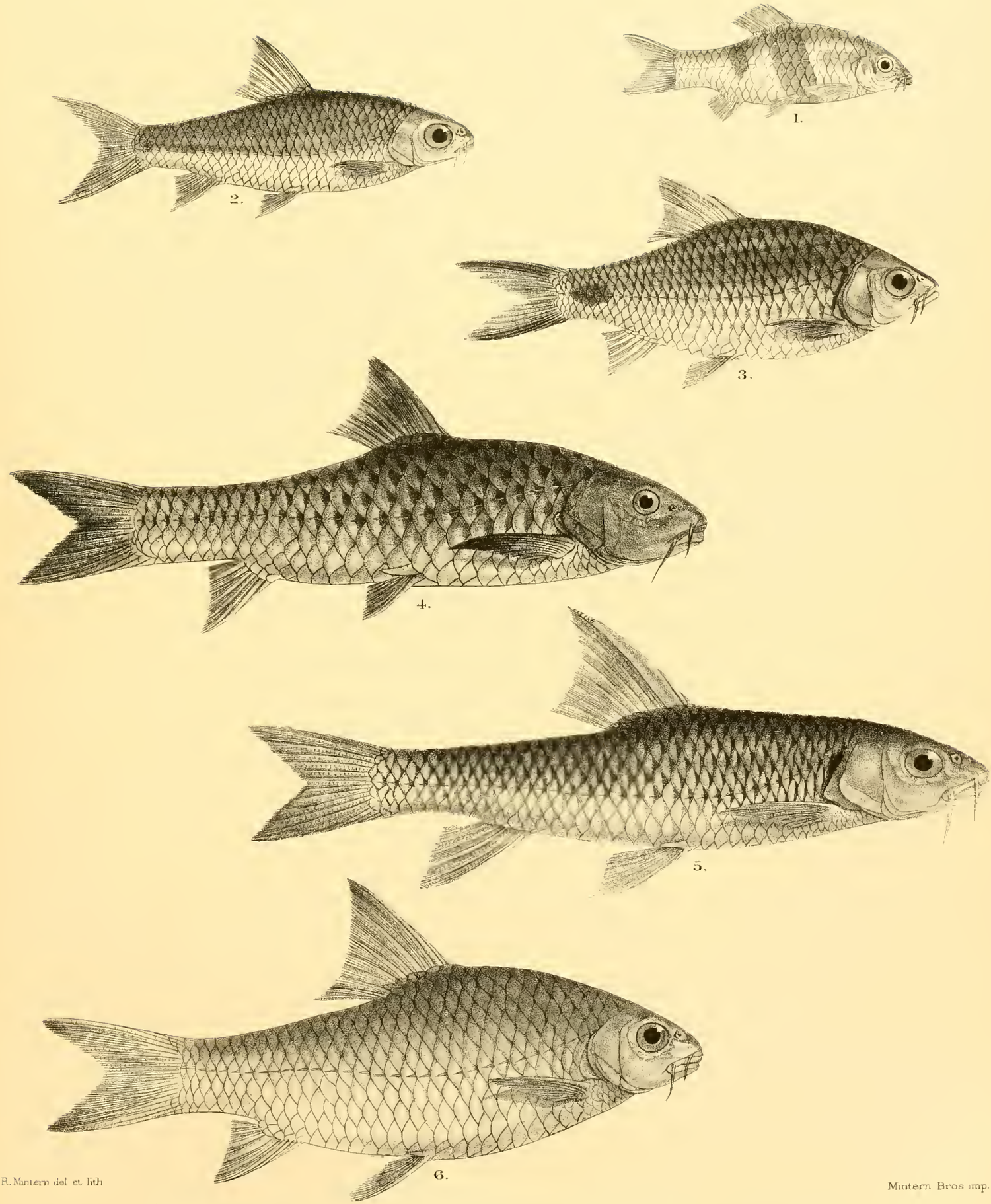
HARVARD UNIVERSITY
CAMBRIDGE, MASS.

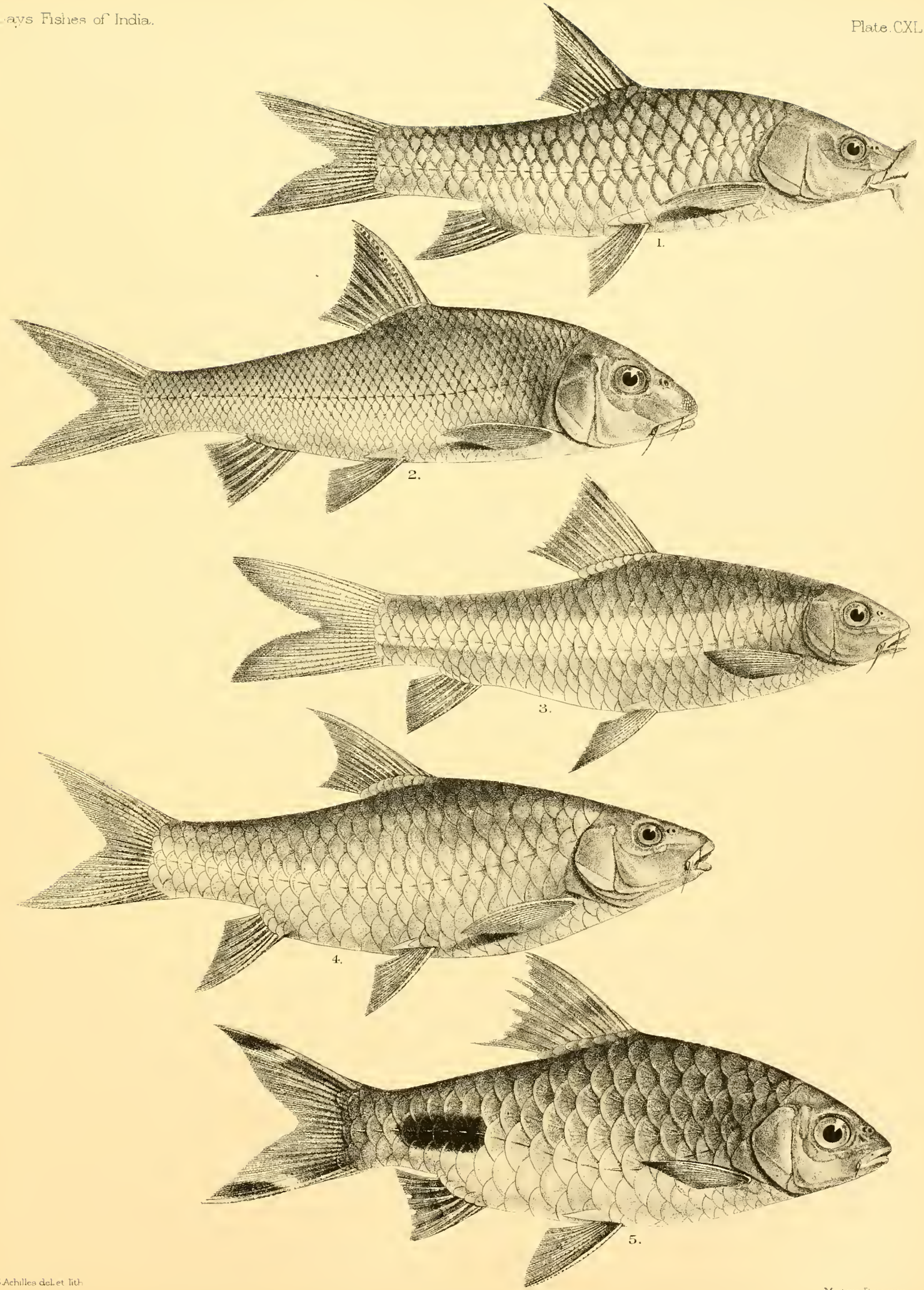


R. Mintern del et lith

Mintern Bros imp.

1. BARBUS MELANAMPYX. 2. B. WYNAADENSIS. 3 B. PINNAURATUS. 4. B. STRACHEYI.
5. B. CHILINOIDES. 6. B. DOBSONI.

HARVARD UNIVERSITY
CAMBRIDGE, MASSACHUSETTS

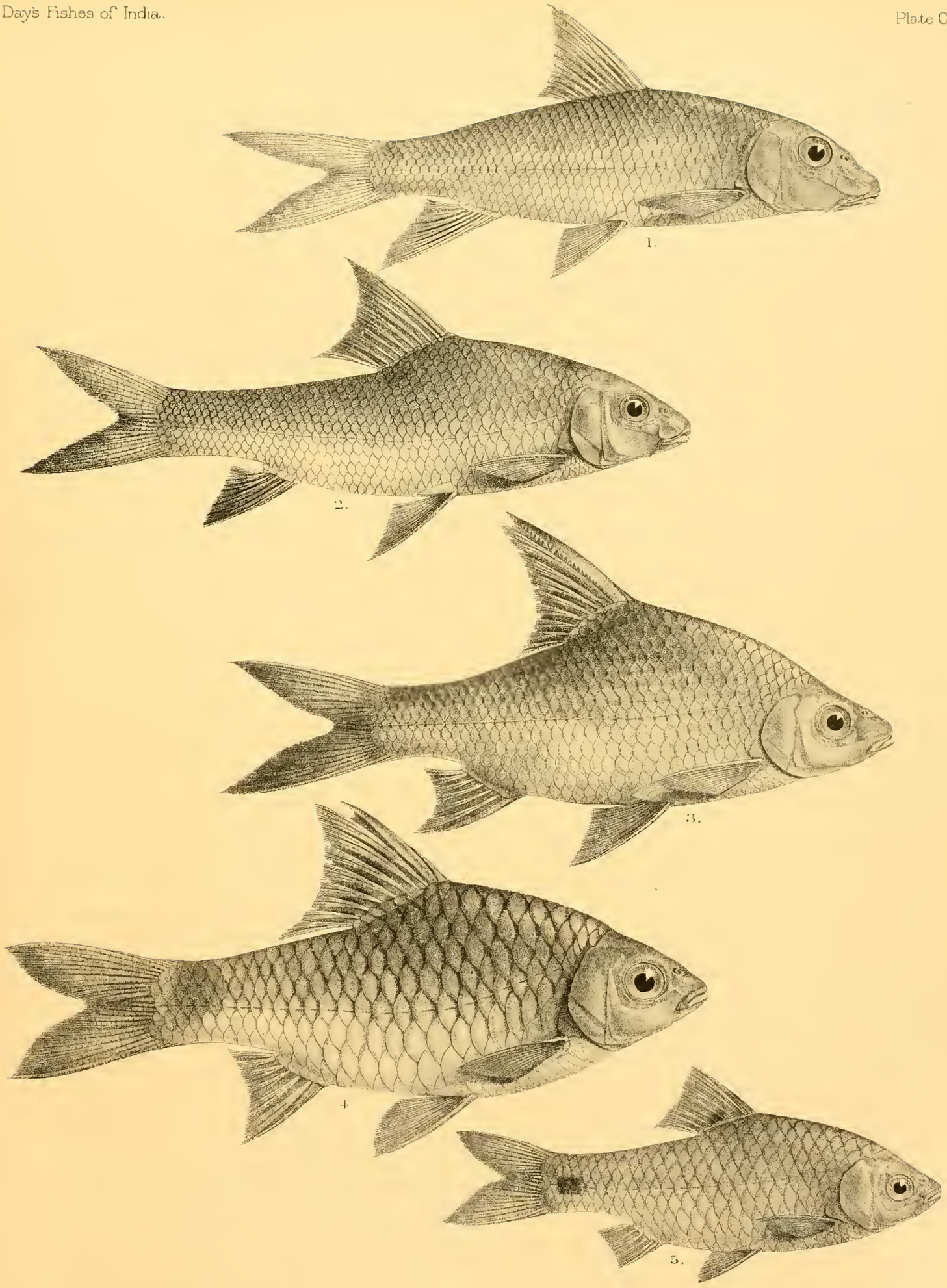


C.Achilles del.et lith.

Mintern Bros imp

1. BARBUS TOR. 2. B. CHAGUNIO. 3. B. PULCHELLUS. 4. B. NEILLI. 5. B. MAHICOLA.

M
HA
CA

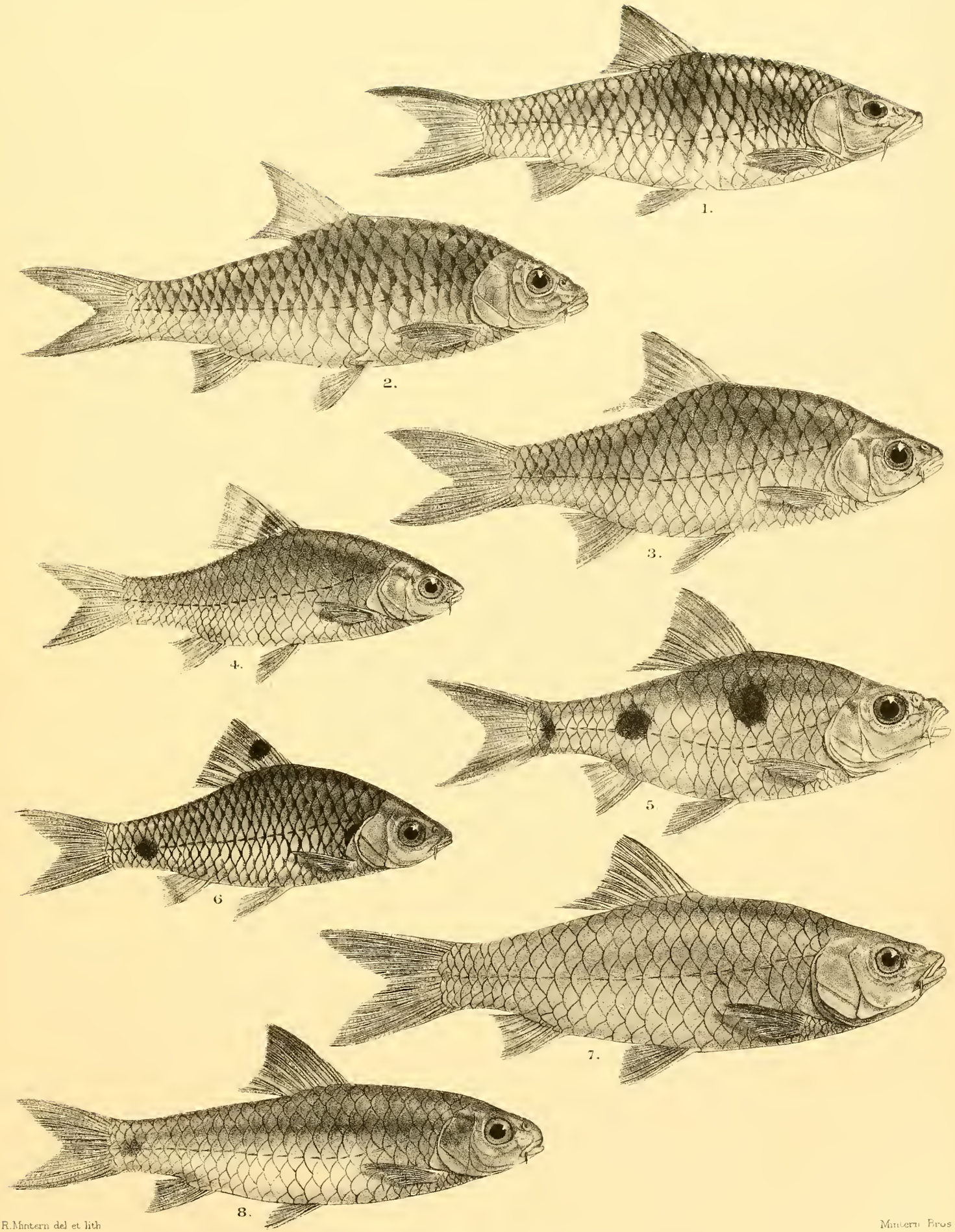


F. Day del

1. BARBUS CURMUCA. 2. B. KOLUS. 3. B. APOGON. 4. B BURMANICUS. 5 B. STIGMA.

Mintern Bros imp.

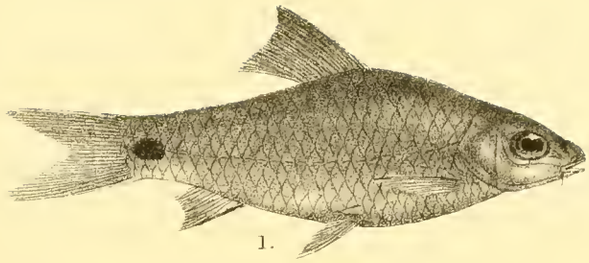
M
HA TY
CAM



R.Mintern del et lith

Mintern Bros imp.

1 BARBUS MACROLEPIDOTUS 2. B. DORSALIS. 3. B. PARRAH. 4 B. CHOLA. 5. B ARULIUS.
6. B TETRARUPUGUS. 7. B. ARENATUS. 8. B. AMPHIBIUS.



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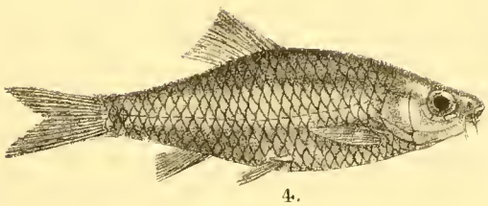

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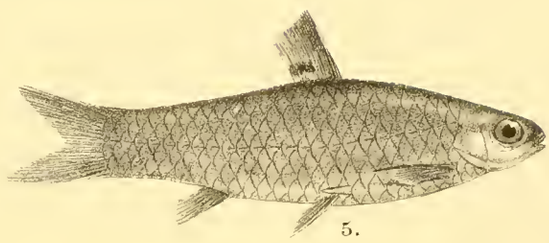

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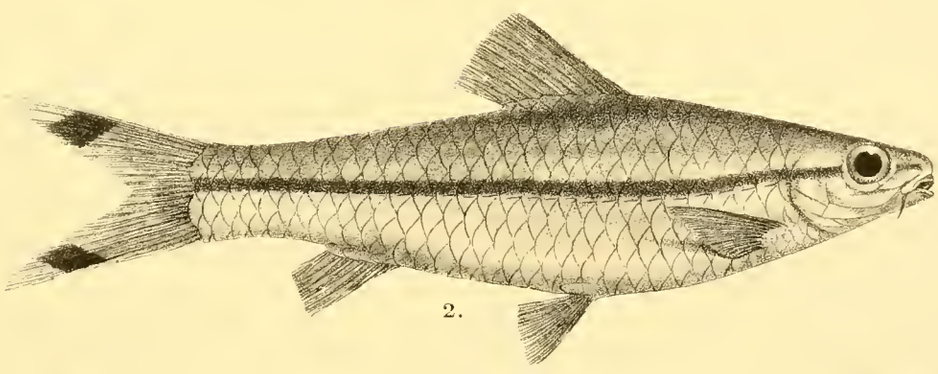

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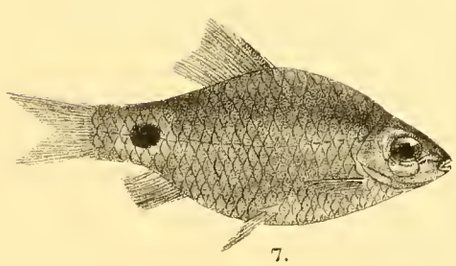

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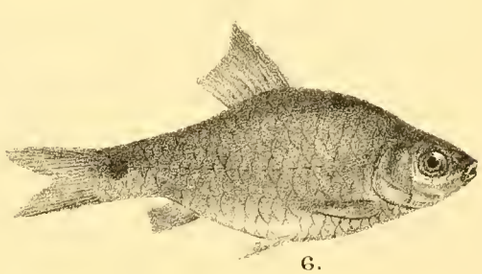

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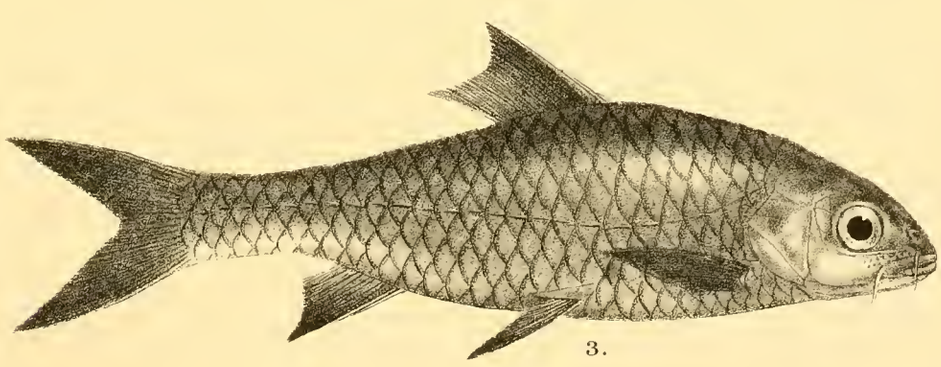


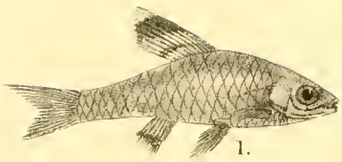
3.

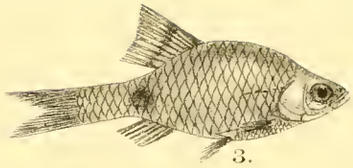
F. Day del.

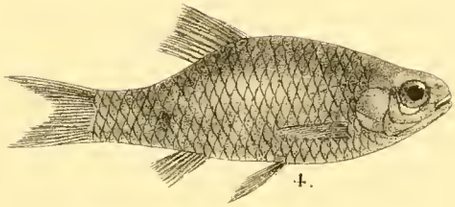
Mintern Bros. imp.

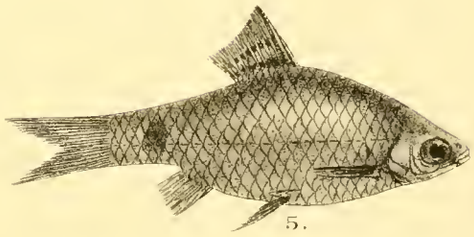
1, BARBUS MELANOSTIGMA. 2, B. DENISONII. 3, B. DUKAI. 4, B. SOPHORE.
5, B. PUCKELLI. 6, B. CHRYSOPTERUS. 7, B. CONCHONIUS.

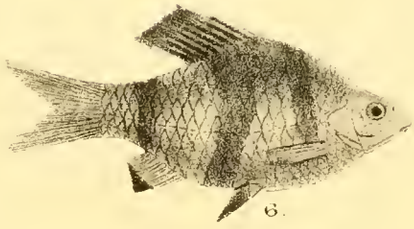
MC
HAR
CAM

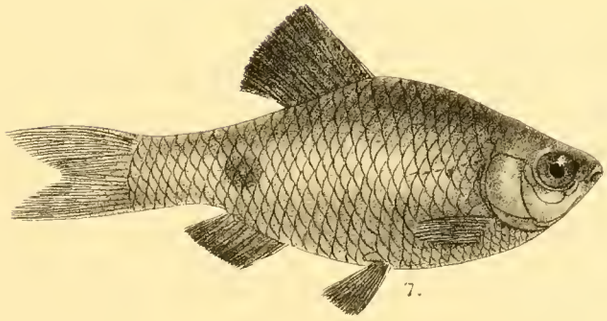


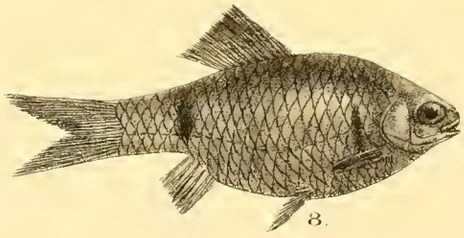






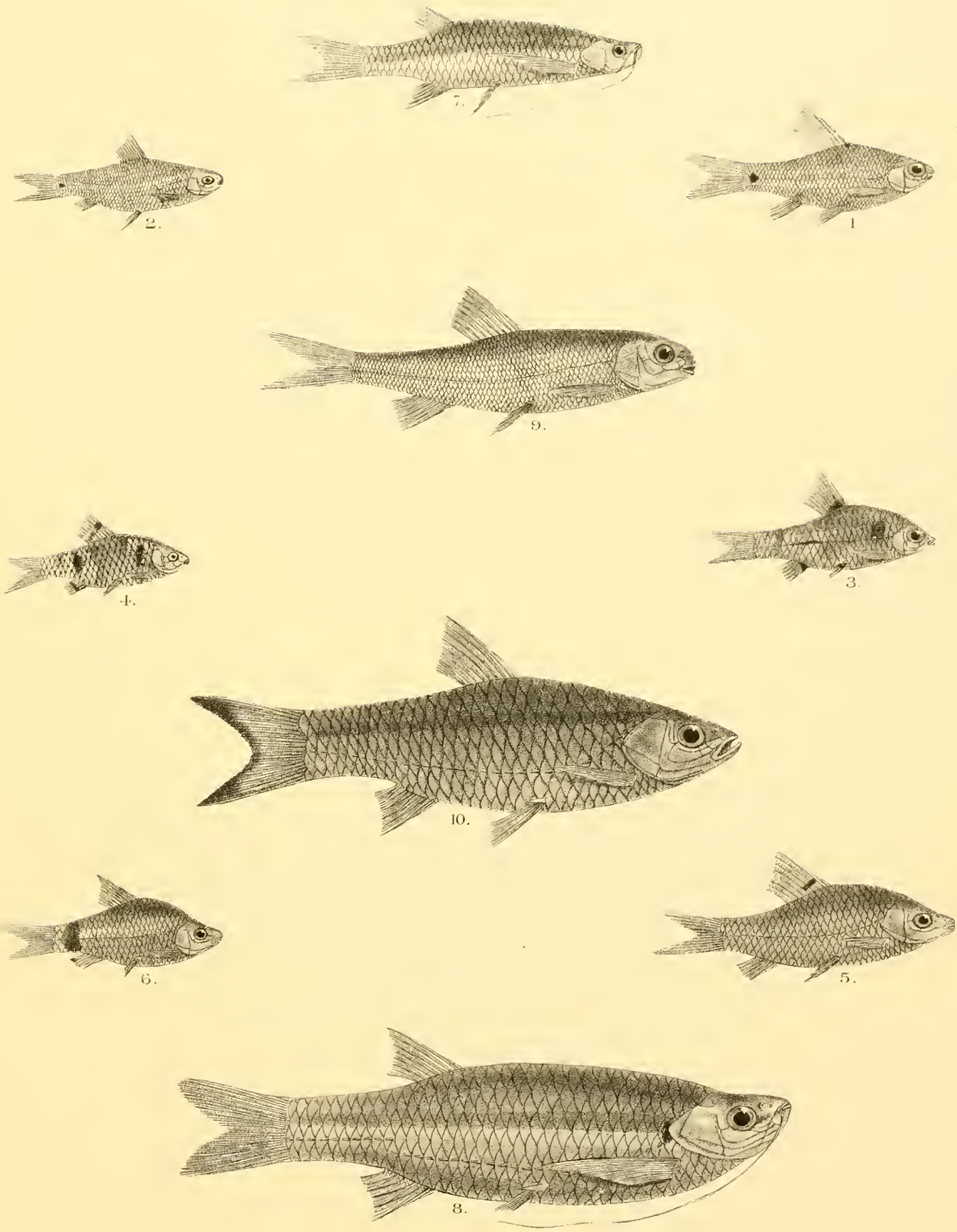






Mintern Bros imp.

1. BARBUS COSUATIS. 2. B. VITTATUS. 3. B TERIO. 4. B. WAAGENI. 5. B PUNCTATUS.
6 B NIGROFASCIATUS. 7. B TICTO. 8. B. STOLICZKANUS.



Mintern Bros. imp.

1. BARBUS AMBASSIS. 2. B. PUNJAUBENSIS. 3. B. GELIUS. 4. B. PHUTUNIO. 5. B. UNIMACULATUS. (⅔)
6. B. PUNTIO. 7. NURIA DANRICA.(VARIETY MALABARICA) 8. N. DANRICA.(VAR ALTA) 9. ASPIDOPARIA JAYA.
10. RASBORA BUCHANANI.

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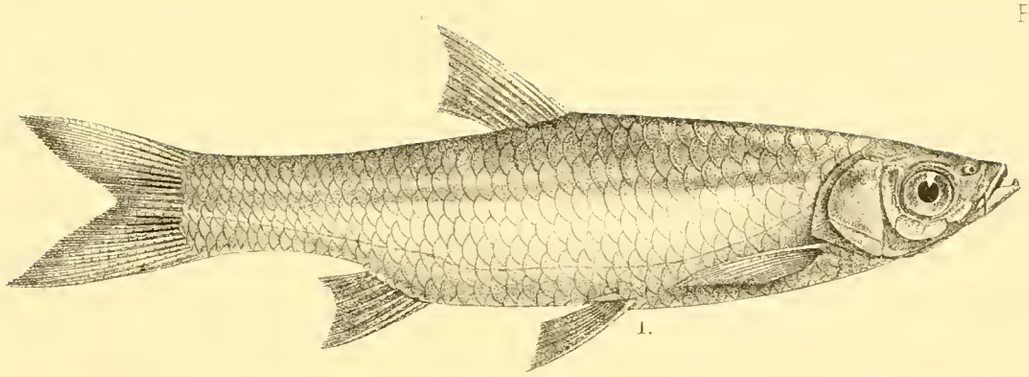
C[illegible] USA



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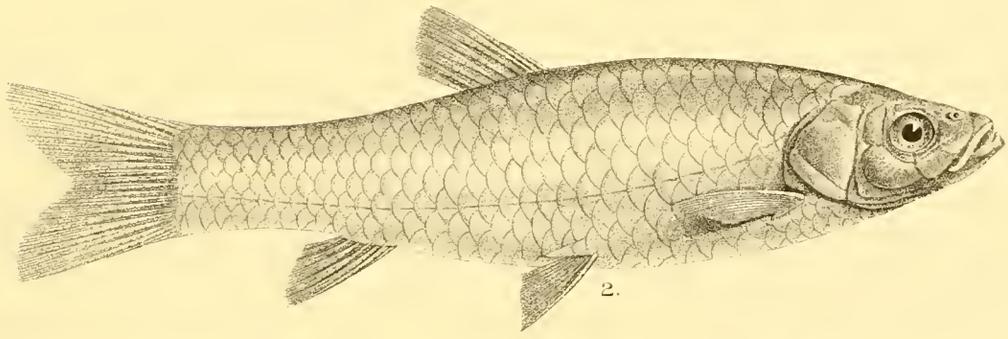

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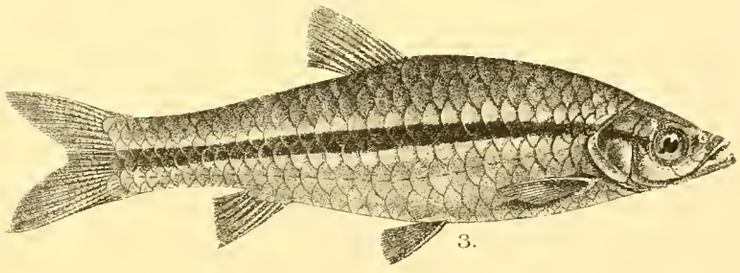

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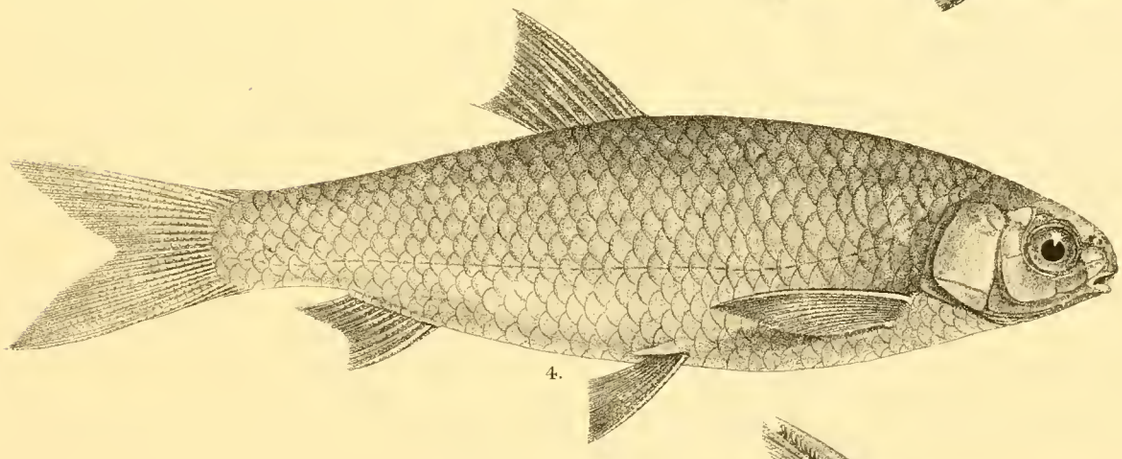

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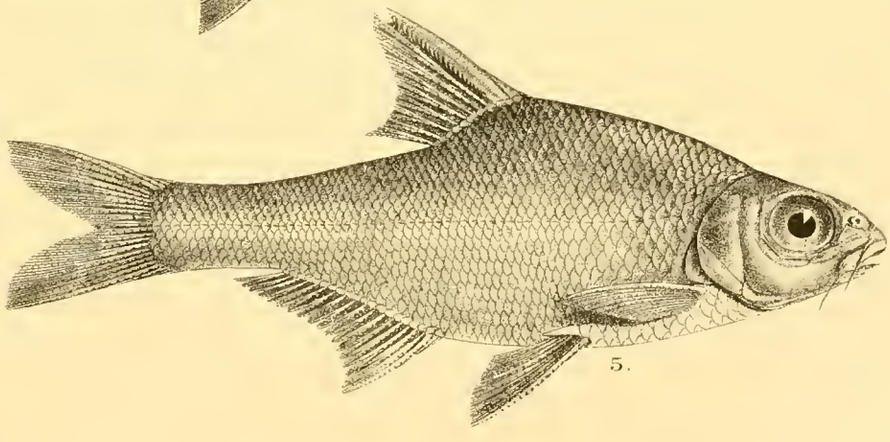

5.

C. Achilles del. et lith

Mintern Bros. imp

1. RASBORA ELANGA. 2. R. DANICONIUS. 3. R. NEILGHERRIENSIS (VAR). 4. ASPIDOPARIA MORAR. 5. ROHTEE NEILLI.

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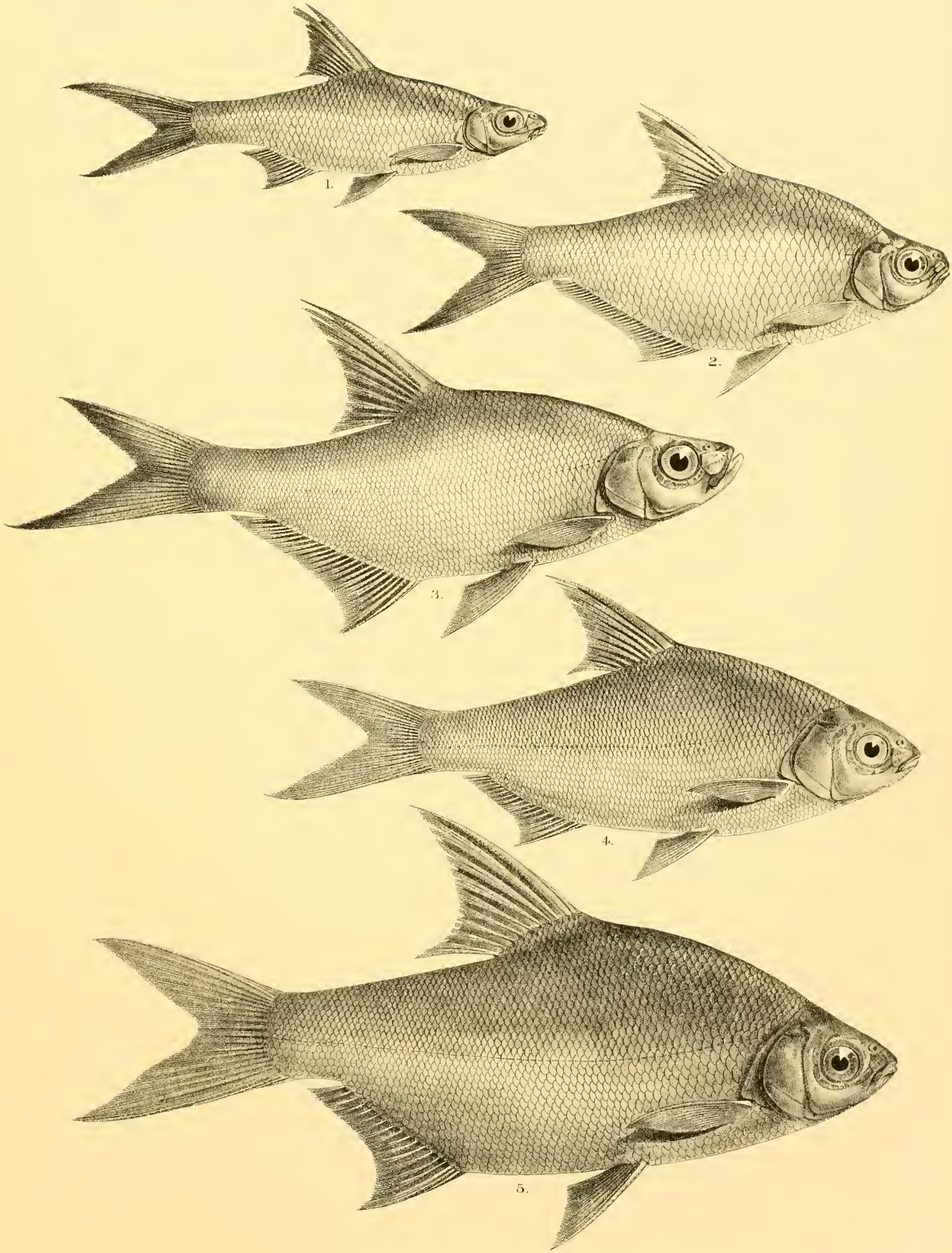

C Achilles del et lith

Mintern Bros imp

1. ROHTEE BAKERI. 2. R ALFREDIANA. 3. R. VIGORSII. 4. R. BELANGERI. 5. R. OGILBII.

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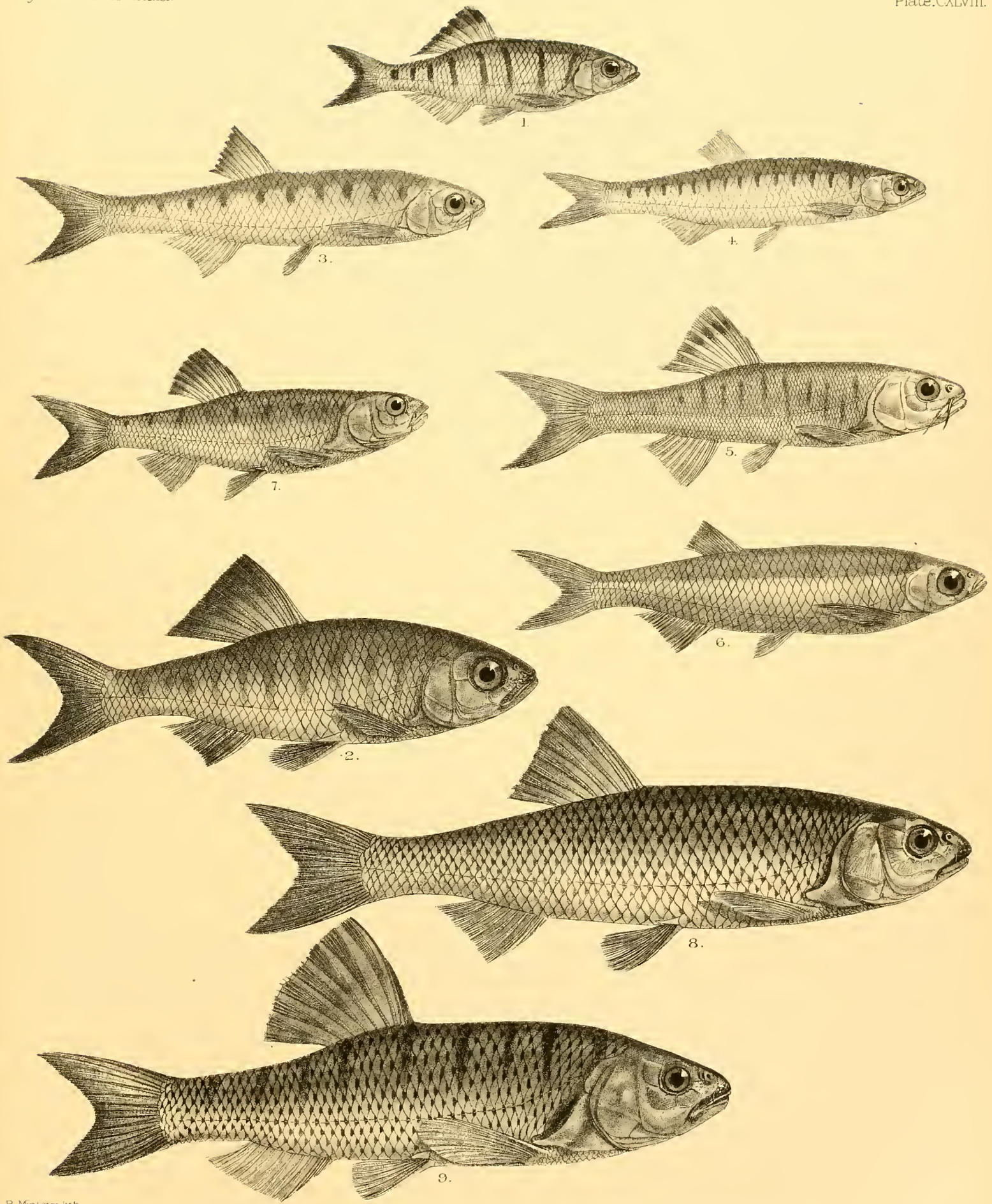
CAMBRIDGE MA USA



R. Mintern lith.

Mintern Bros imp.

1. BARILIUS BARNA.(YOUNG) 2. B BARNA(ADULT) 3. B VAGRA. 4. B BARILA. 5. B SHACRA.
6 B. EVEZARDI. 7. B. BENDELISIS. 8. B. BENDELISIS. (VAR. COCSA) 9. B. BENDELISIS. (VAR. CHEDRA.)

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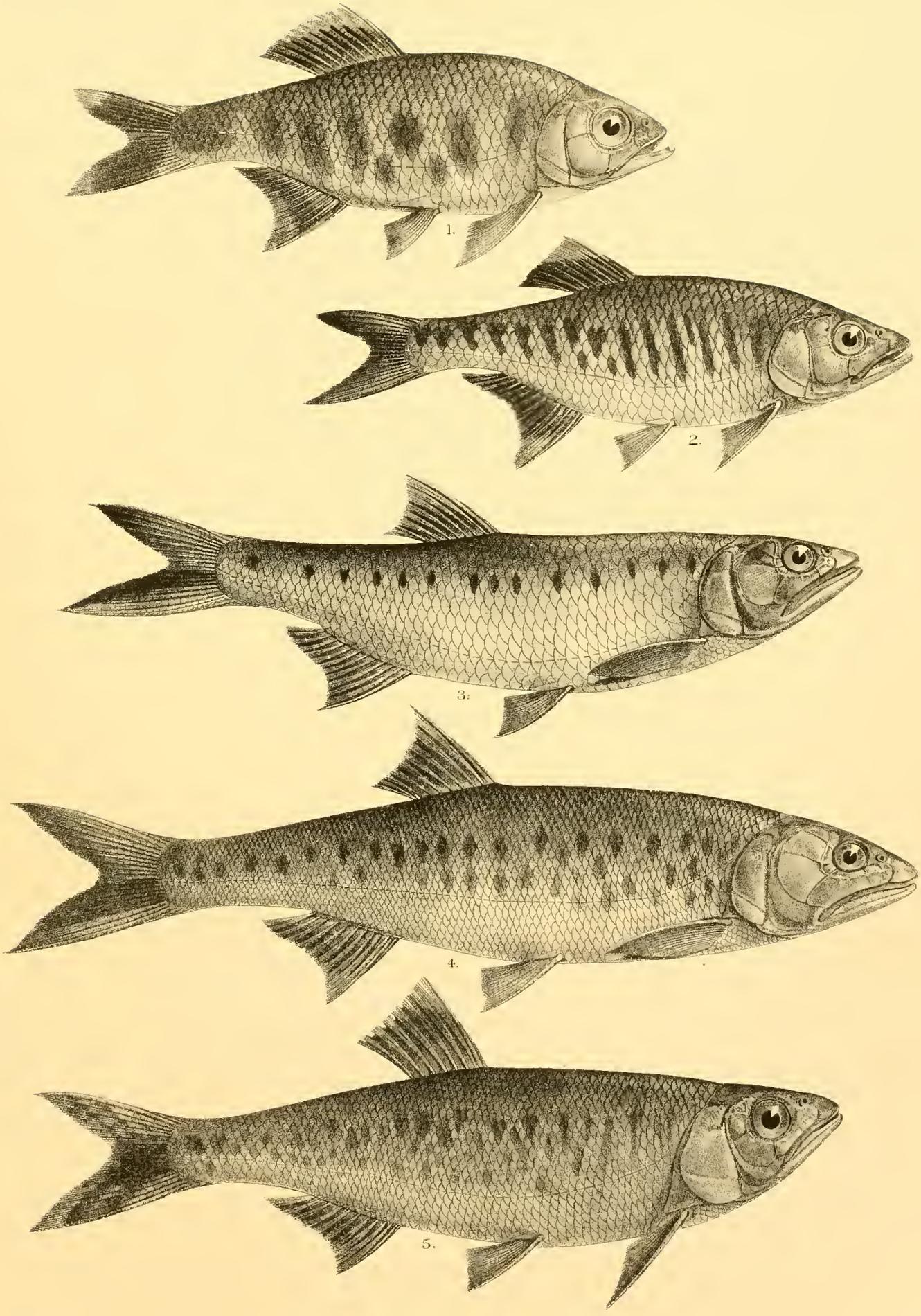

C Achilles del et lith.

Mintern Bros imp

1. BARILIUS CANARENSIS. 2. B. GATENSIS. 3 B. GUTTATUS. 4. B. BOLA. 5. B. TILEO.

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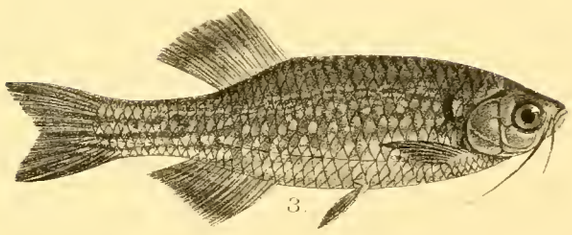

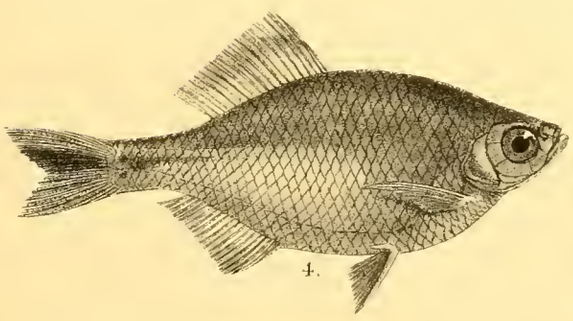

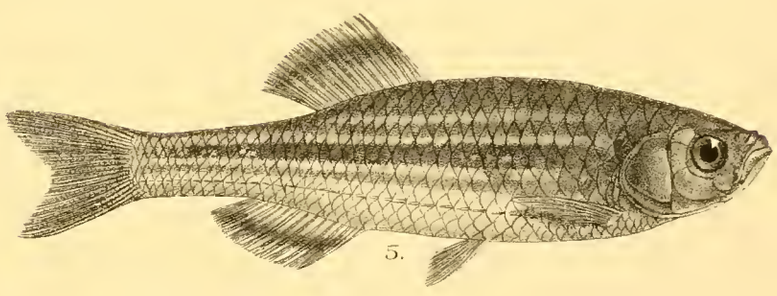

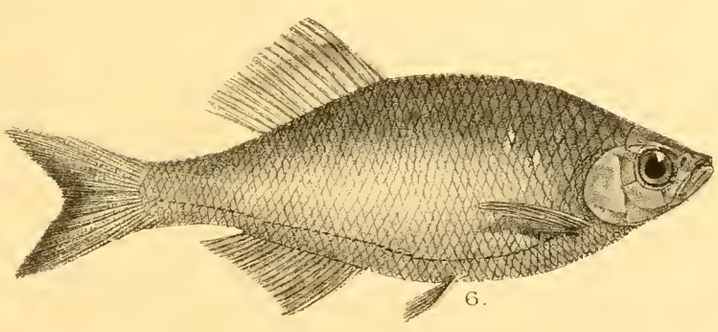

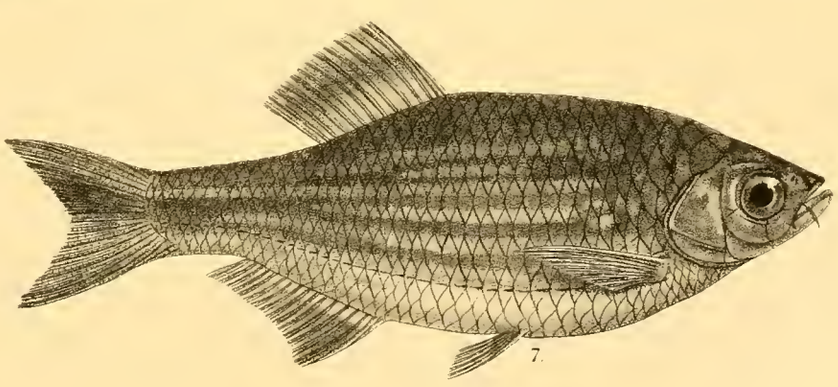

R.Mintern lith

Mintern Bros imp.

1. DANIO ALBOLINEATUS. 2. D. NEILGHERRIENSIS. 3. D. DANGILA. 4. D. DEVARIO. 5. D. ÆQUIPINNATUS.
6. D. SPINOSUS. 7. D. MALABARICUS.

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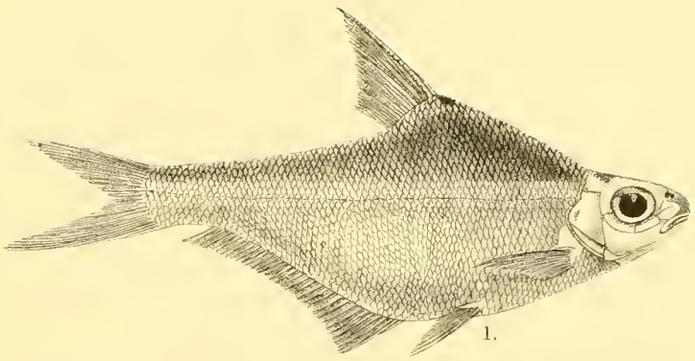

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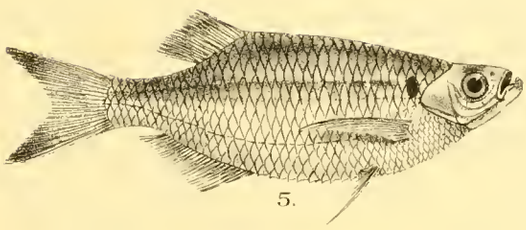

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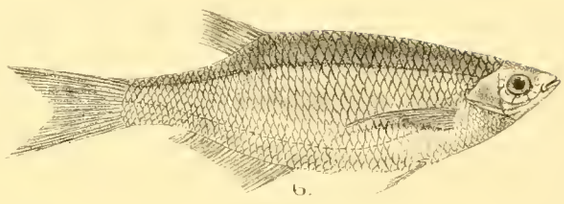

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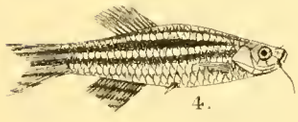

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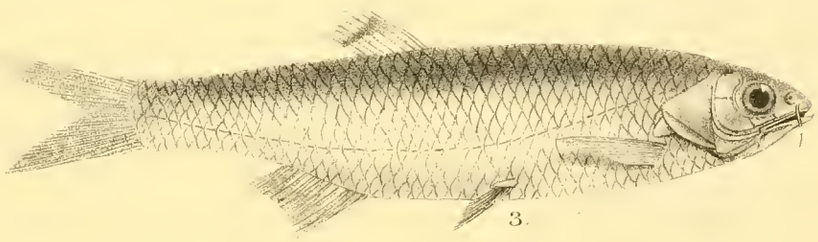

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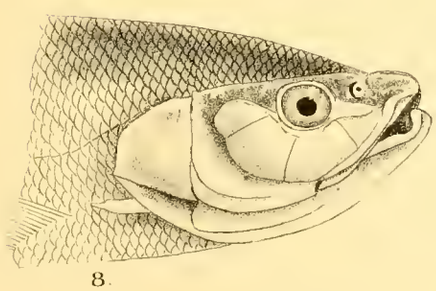

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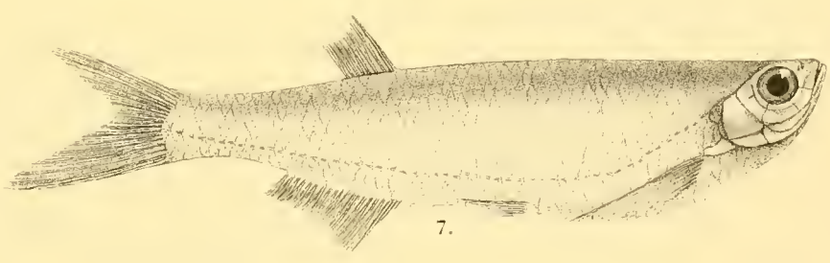

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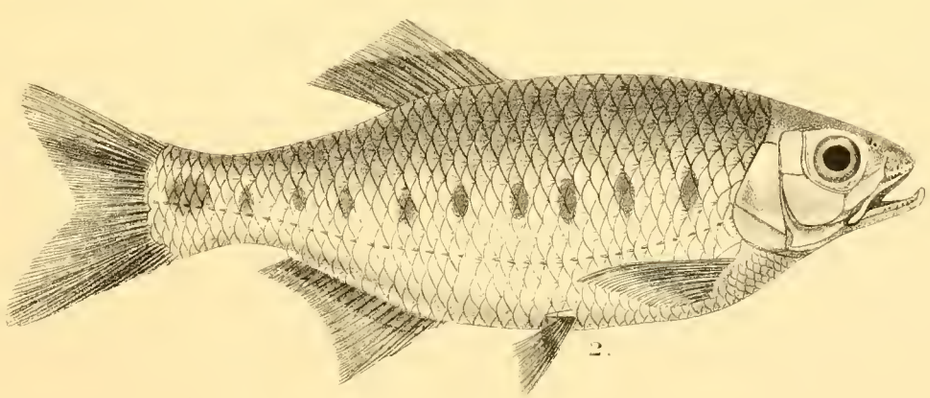

2.

F Day del R Mintern lith.

Mintern Bros imp.

1. ROHTEE COTIO. 2. BARILIUS BAKERI. 3. B. MODESTUS. 4. DANIO RERIO. 5. PERILAMPUS LAUBUCA.
6. P. ATPAR. 7. CHELA UNTRAHI. 8. C. GORA.

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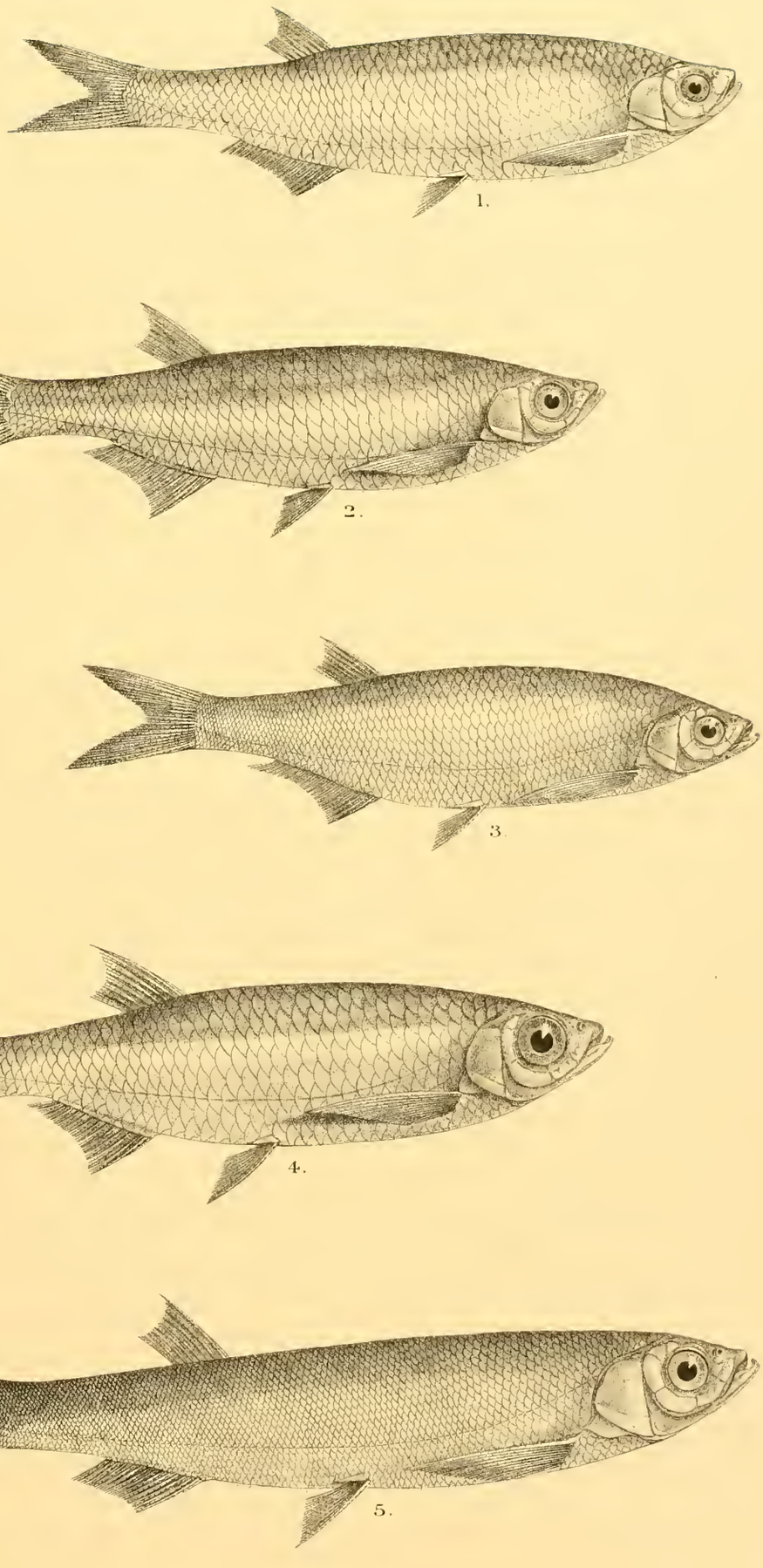
C[illegible] USA



F.Day del.

Mintern Bros imp.

1.CHELA SARDINELLA. 2.C.ARGENTEA. 3.C.SLADONI. 4.C.BOOPIS. 5.C.BACAILA.

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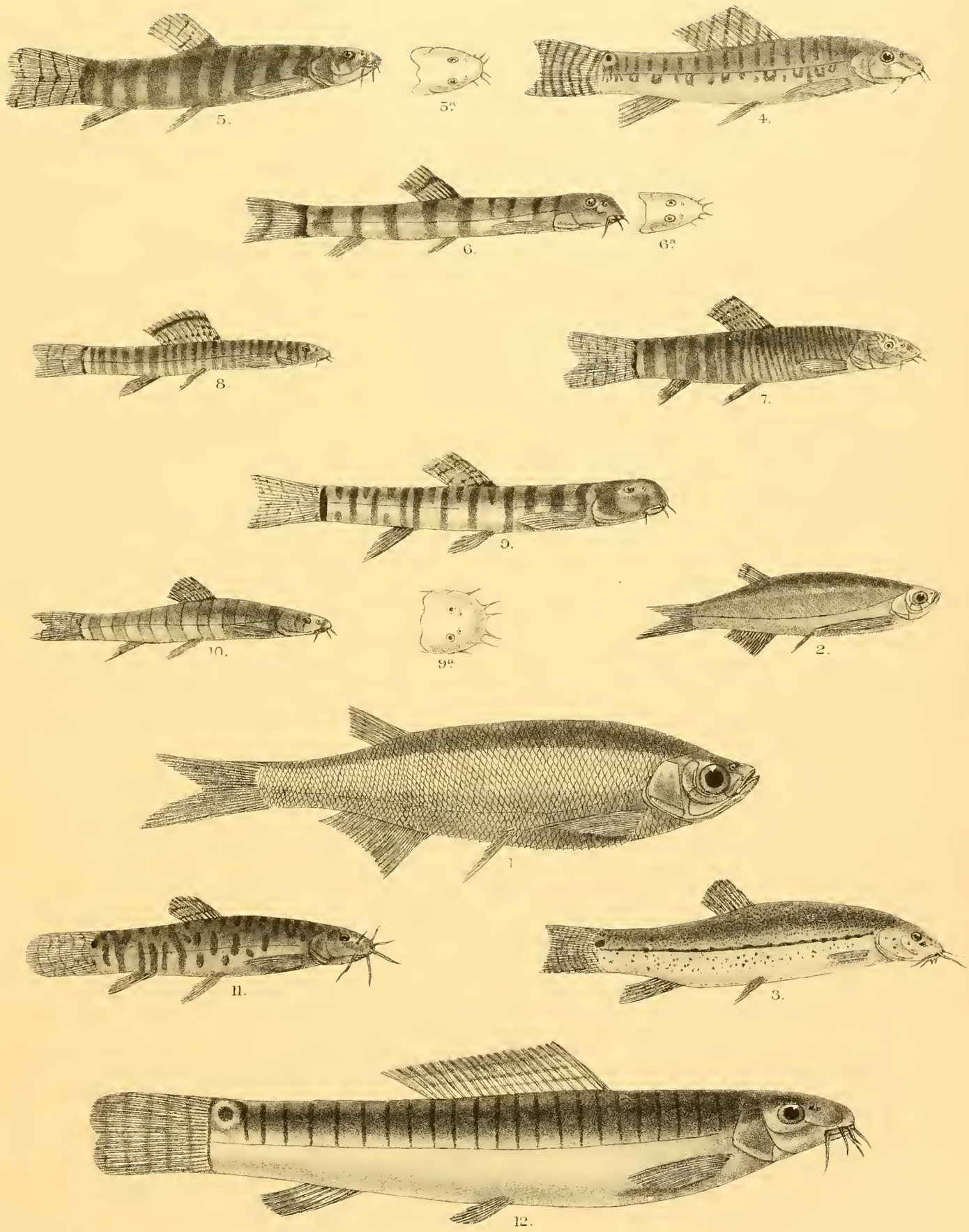

F Day del R Mintern lith.

Mintern Bros imp

1. CHELA PHULO. 2. C. PUNJABENSIS. 3. LEPIDOCEPHALICHTHYS BERDMOREI 4. NEMACHEILUS RUBIDIPINNIS. 5. N DENISONI.
6. N MONTANUS. 7. N. MULTIFASCIATUS. 8. N. STRIATUS. 9. N RUPECOLA 10. N TRIANGULARIS. 11. N EVEZARDI 12. N PAVONACEUS.

Y
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CAMB. USE. MA USA

F Day del

Mintern Bros imp.

1. BOTIA DARIO. 2. B. GETO. 3. B. BERDMOREI. 4. B. HISTRIONICA. 5. B. ALMORHÆ.
6. JERDONIA MACULATA.

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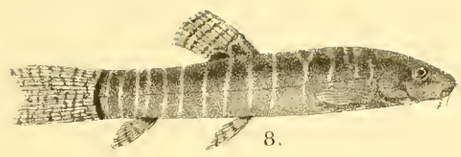
...ERSITY
CAMBRIDGE, MA USA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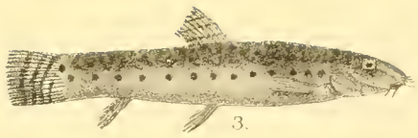
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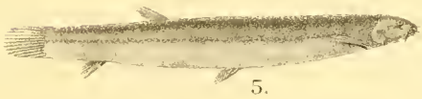
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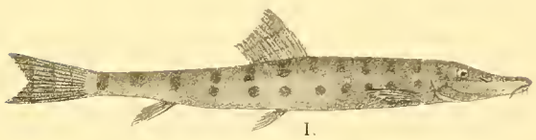
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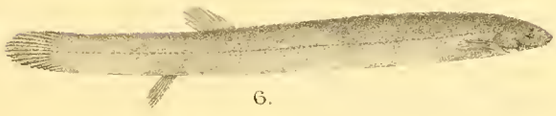
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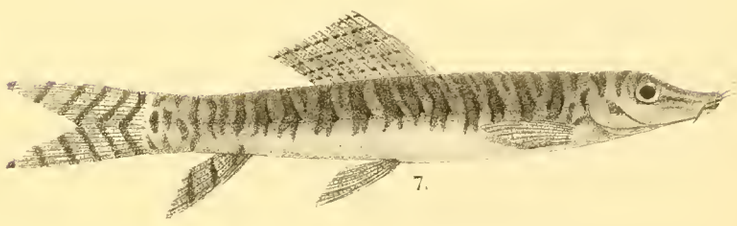
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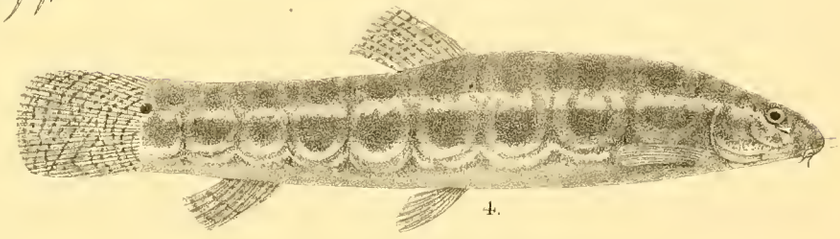
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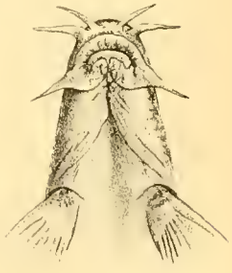
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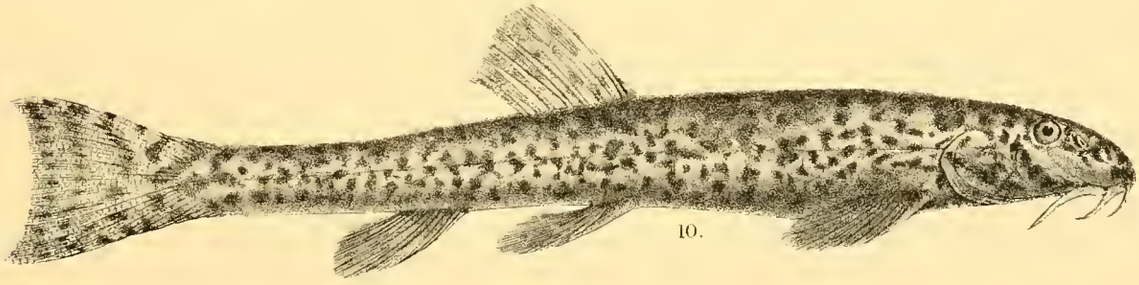
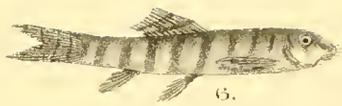

10.

F Day del. R Mintern lith.

Mintern Bros imp.

1. ACANTHOPSIS CHOIRORRHYNCHUS. 2. SOMILEPTES GONGOTA. 3. LEPIDOCEPHALICHTHYS THERMALIS.
4. L. GUNTEA. 5. ACANTHOPHTHALMUS PANGIA. 6. APUA FUSCA. 7. NEMACHILICHTHYS RUPPELLI.
8. NEMACHEILUS SAVONA. 9. N. MARMORATUS. 10. N STOLICZKÆ.

1.



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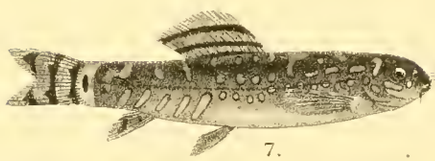

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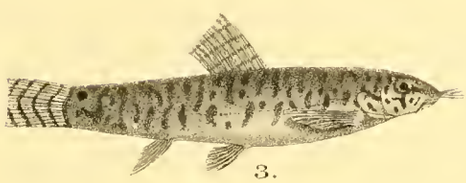

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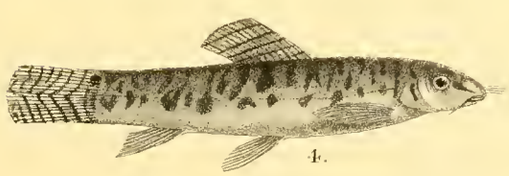

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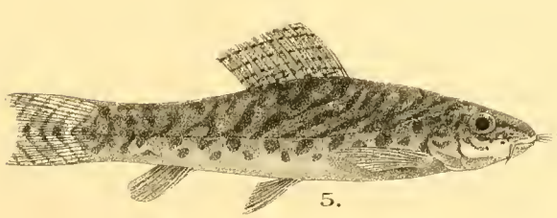

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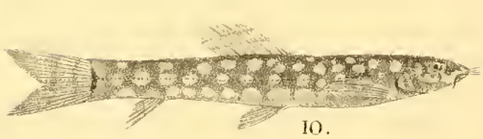

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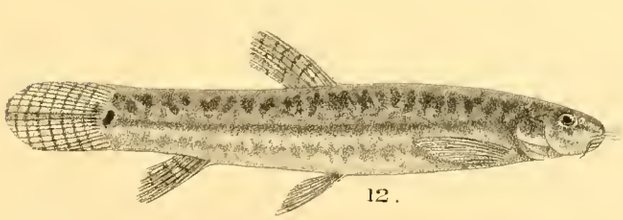

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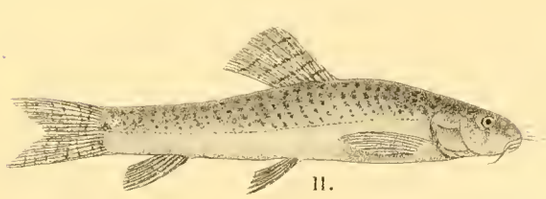
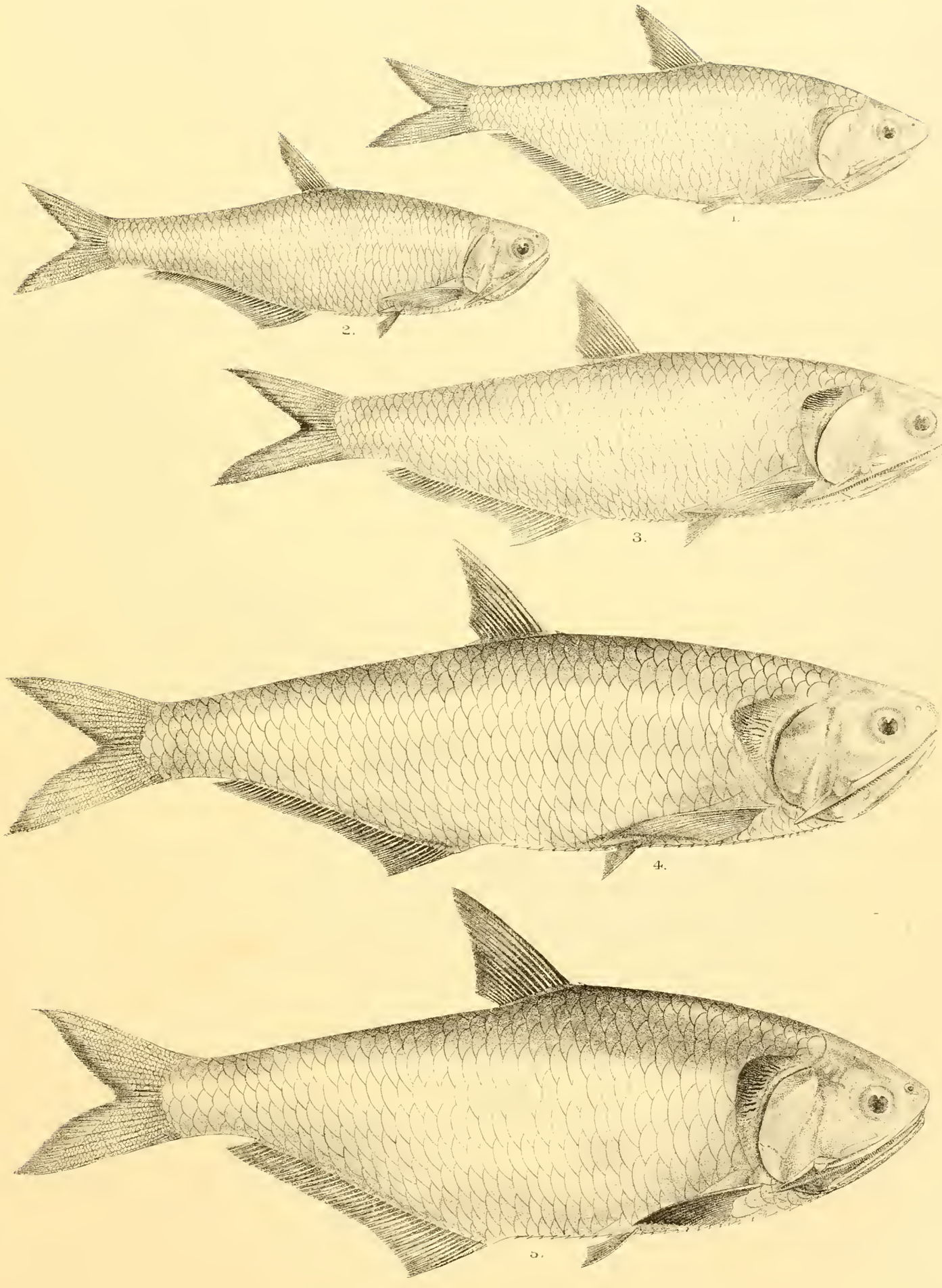


11.

F Day del R Mintern lith

Mintern Bros imp.

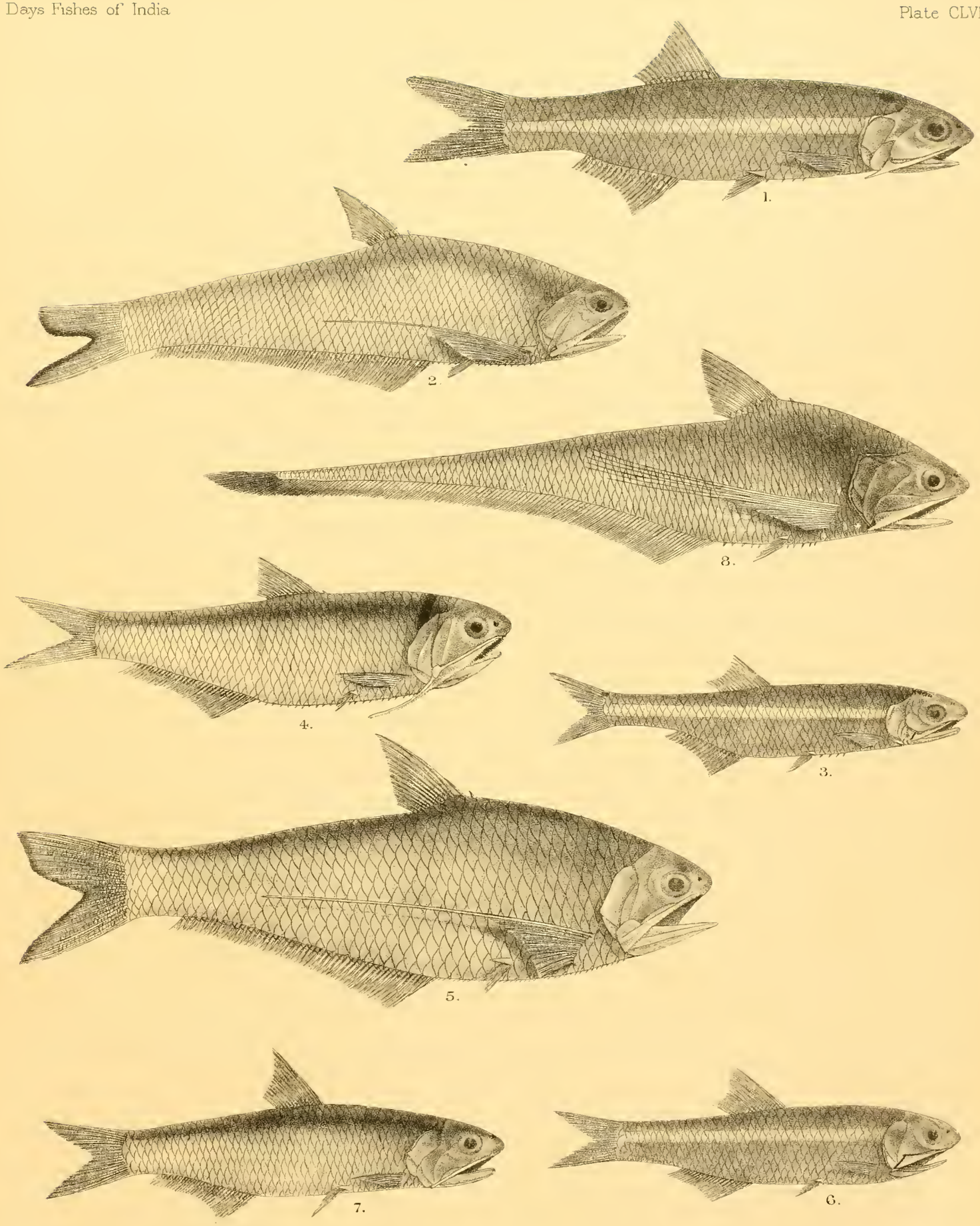
1. NEMACHEILUS CORICA. 2. N. ZONATUS. 3. N. SINUATUS. 4. N. AUREUS. 5. N. BOTIA. 6. N. CINCTICAUDA.
7. N. PULCHELLUS. 8. N. BEAVANI. 9. N. RUPECOLA. 10. N. GUENTHERI. 11. N. SEMIARMATUS.
12. LEPIDOCEPHALICHTHYS GUNTEA. (VAR. BALGARA.)



C. Achilles, lith.

Mintern Bros. imp.

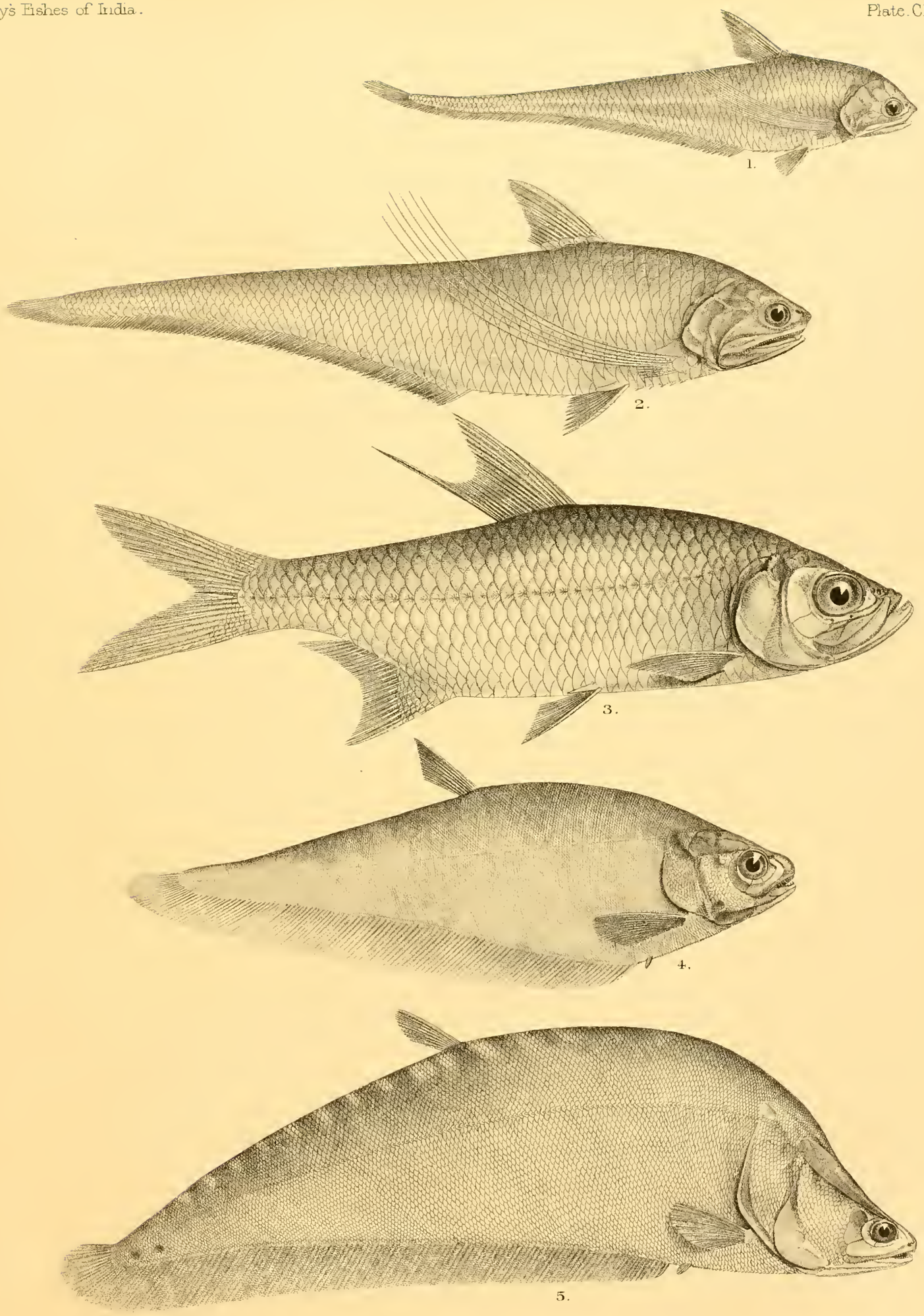
1. ENGRAULIS KAMMALENSIS. 2. E. PURAVA. 3. E. MYSTAX. 4. E. HAMILTONII. 5. E. MALABARICUS.



F.Day del R.Mintern lith.

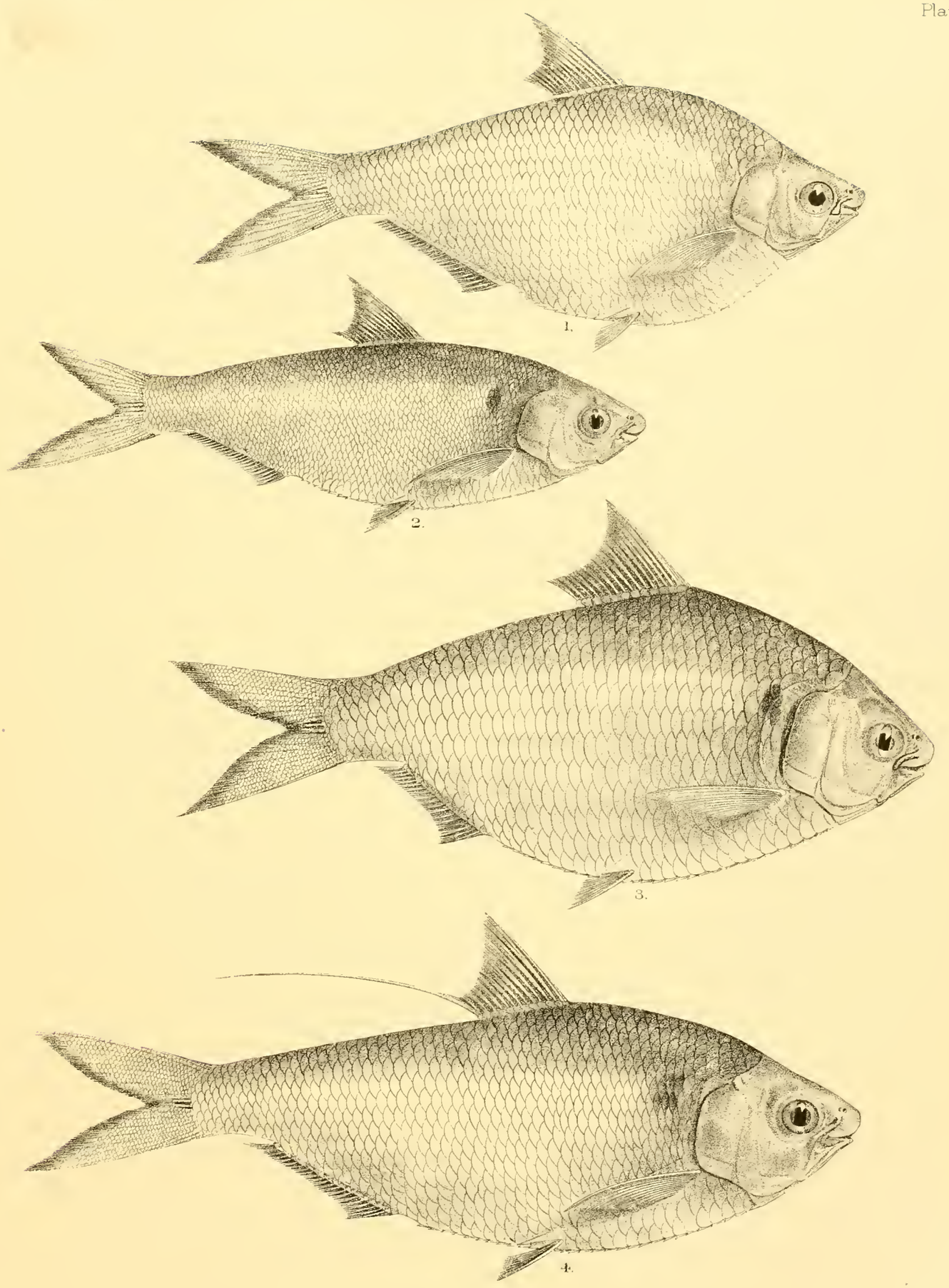
Mintern Bros imp.

1. ENGRAULIS COMMERSONIANUS. 2. E. TELARA. 3. E. INDICUS. 4. E. DUSSUMIERI. 5. E. TATY.
6. E. TRI. 7. E. BOELAMA. 8. COILIA. DUSSUMIERI.



C Achilles lith. Mintern Bros imp.

1. COILIA BORNEENSIS. 2. C. RAMCARATI. 3. MEGALOPS CUNDINGA. 4. NOTOPTERUS KAPIRAT. 5. N. CHITALA.



C Achilles del et lith.

Mintern Bros imp.

1 CHATOESSUS MODESTUS. 2. C. MANMINNA. 3. C. CHACUNDA. 4. C. NASUS.

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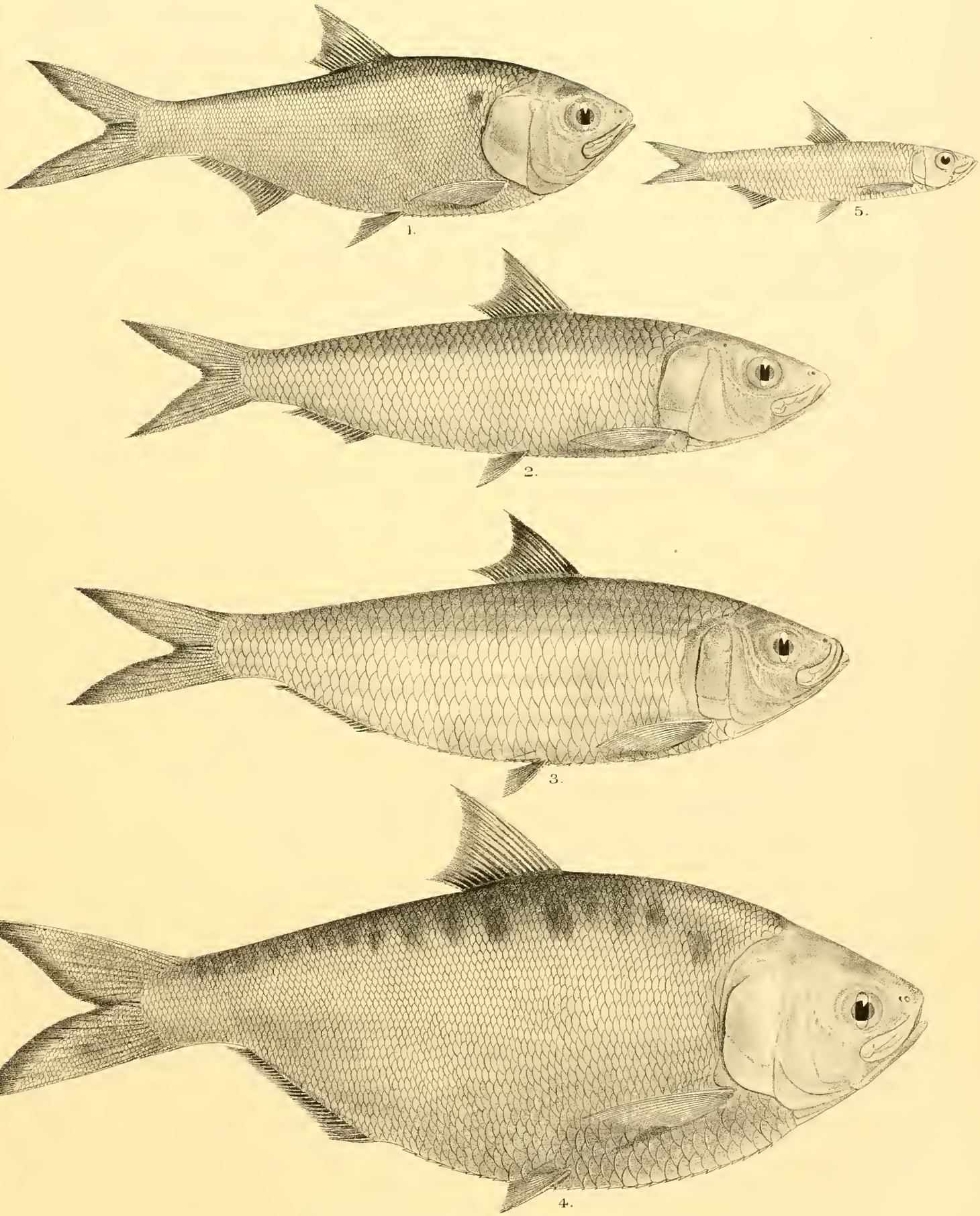
CAMBRIDGE, MA USA



J. Achilles del et lith.

Mintern Bros imp.

1. CLUPEA CHAPRA. 2. C. LONGICEPS. 3. C. FIMBRIATA. 4. C. VARIEGATA. 5. SPRATELLOIDES MALABARICUS.

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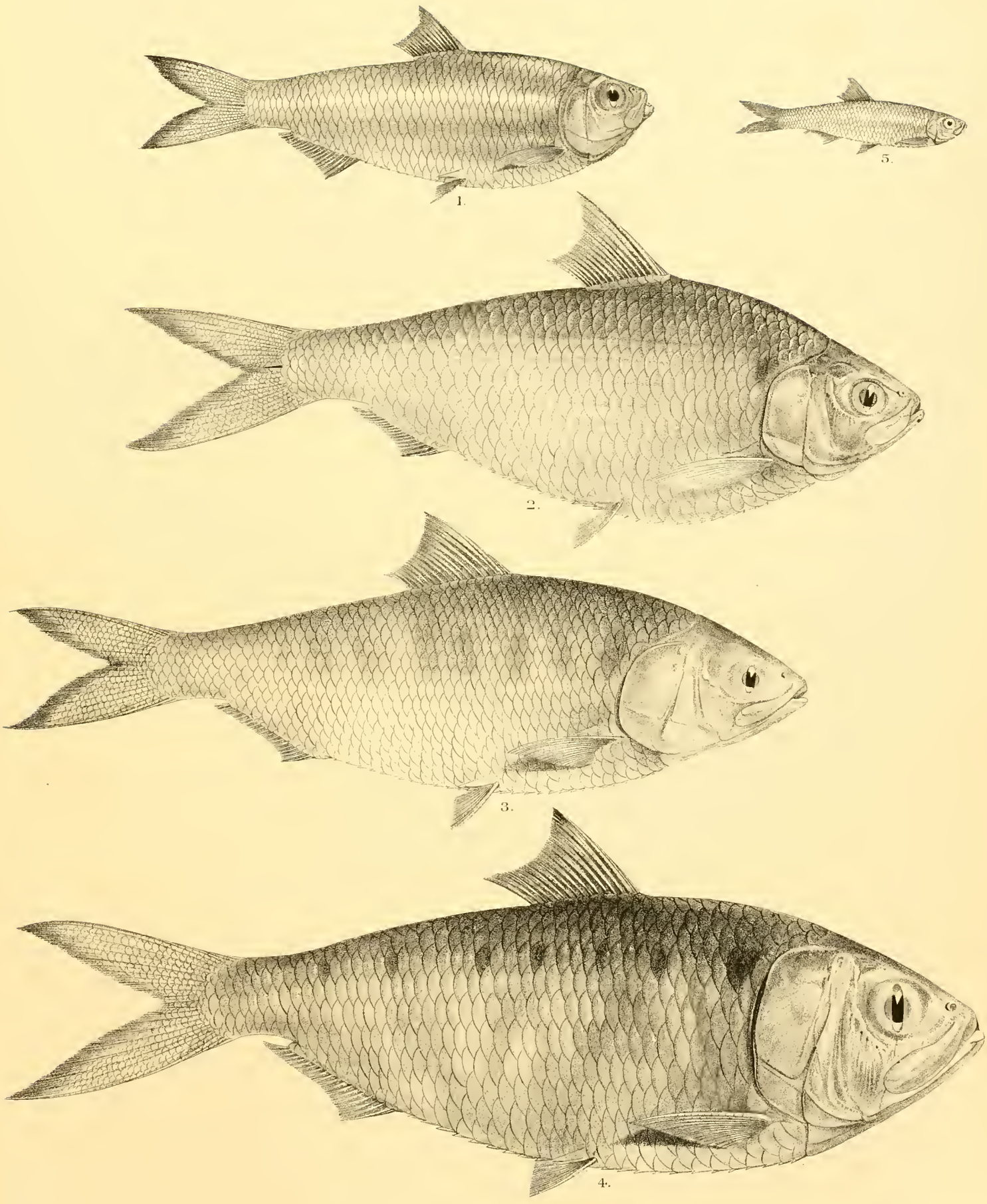

Achilles del et lith.

Mintern Bros. imp

1. CLUPEA LILE. 2. C. TOLI. 3. C. ILISHA. 4 C. KANAGURTA. 5. CORICA SOBORNA.

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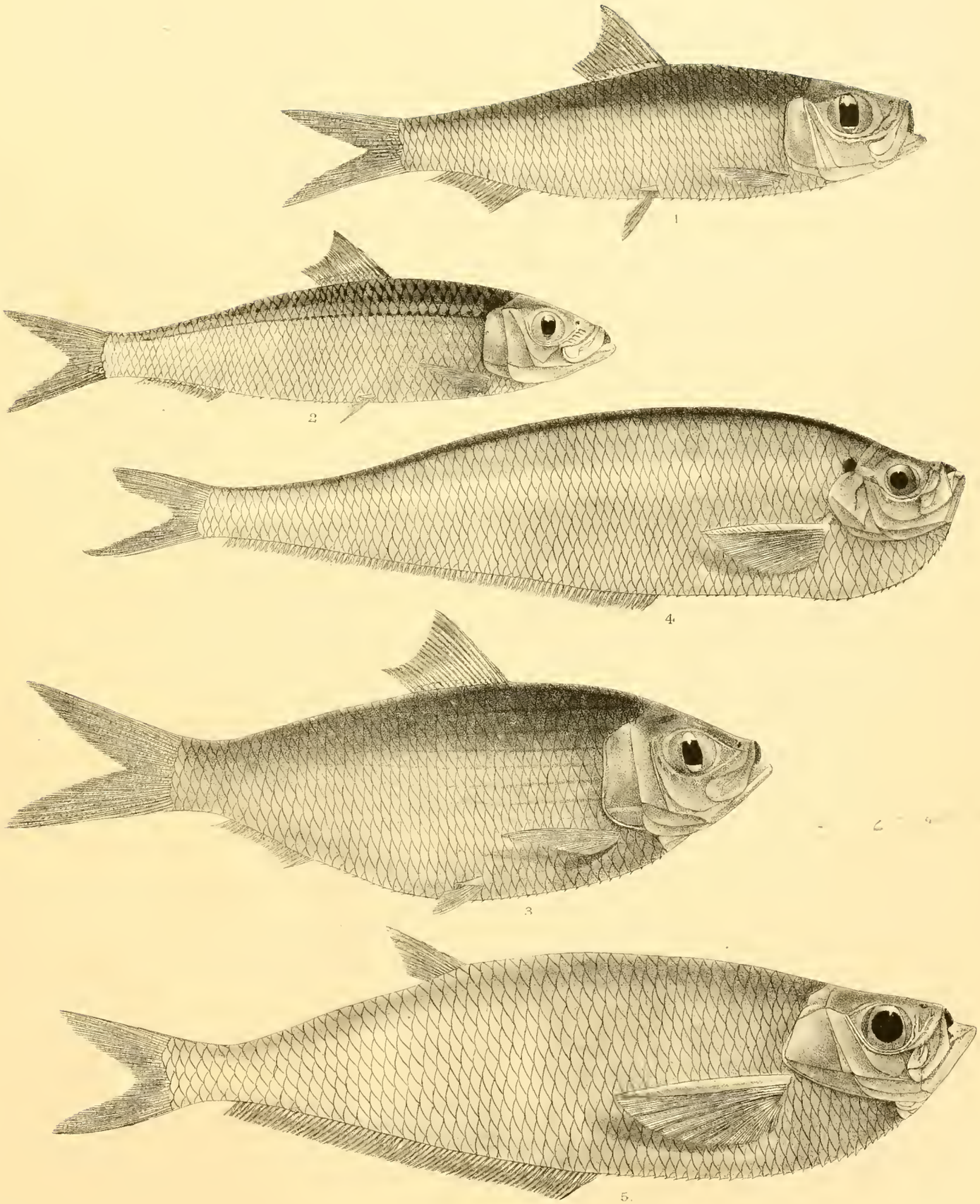
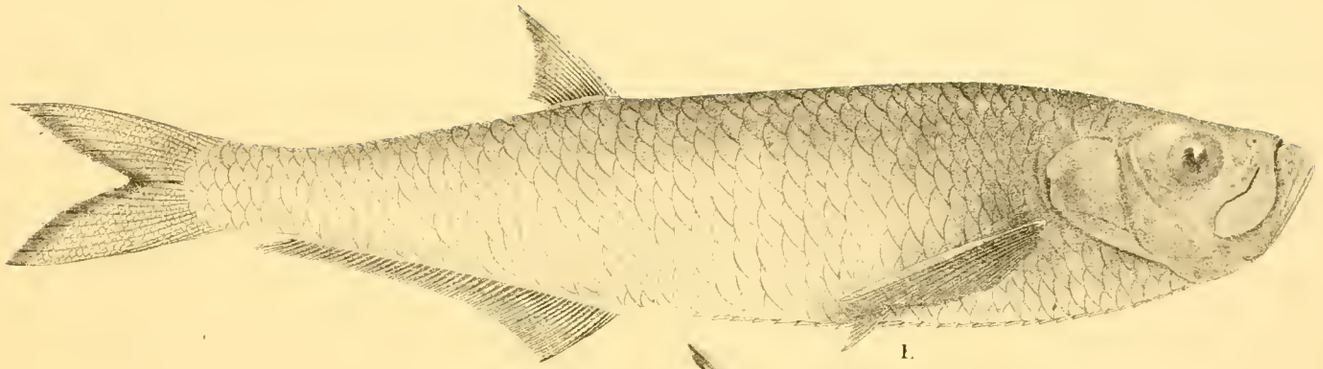


F Day del.

Mintern Bros imp

1 CLUPEA KLUNZEI 2 C. SINDENSIS 3 C. BRACHYSOMA 4. RACONDA RUSSELLIANA
5 OPISTHOPTERUS TARTOOR.



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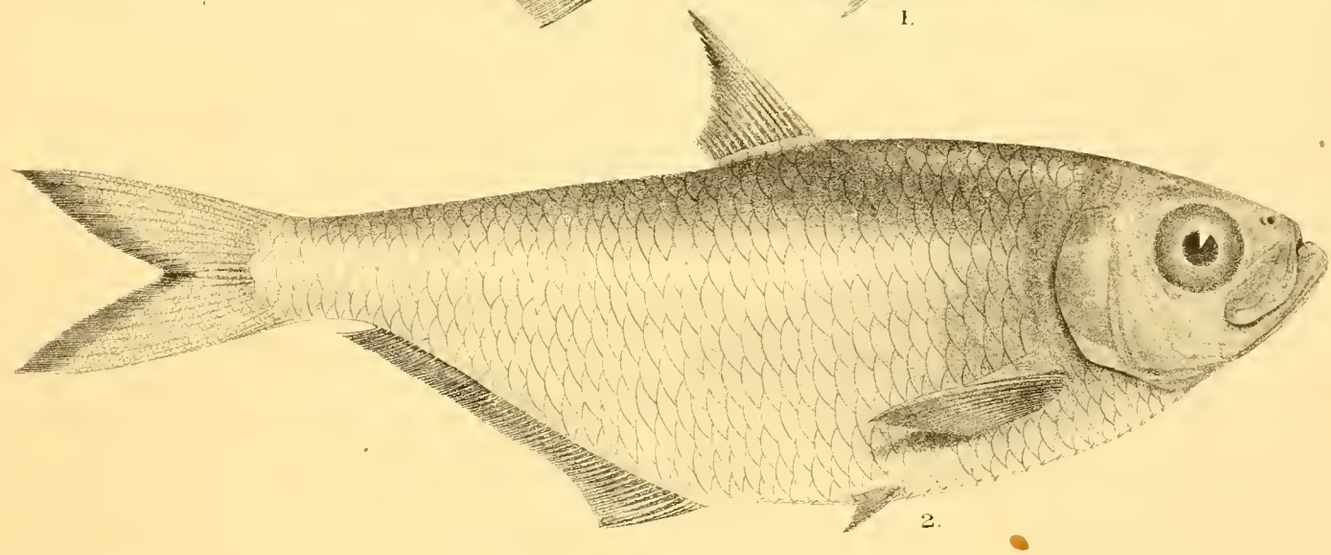

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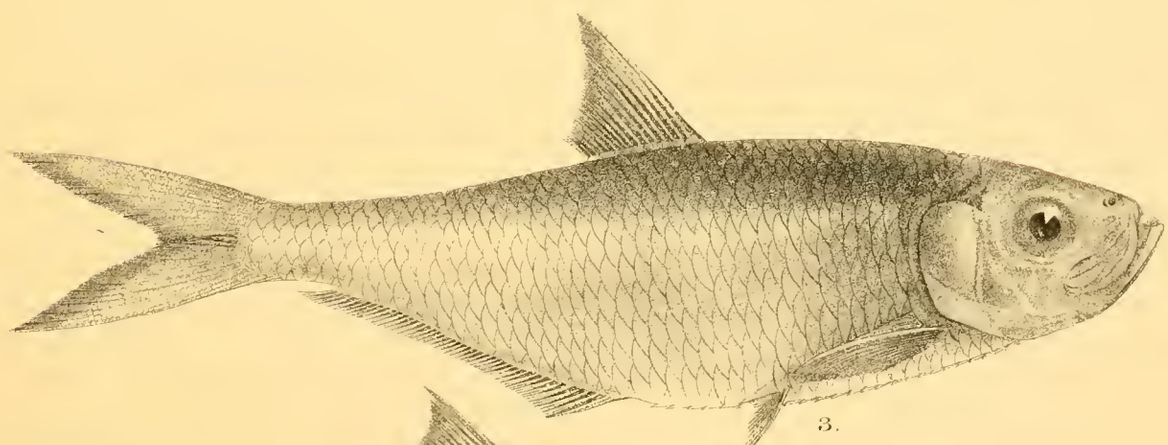

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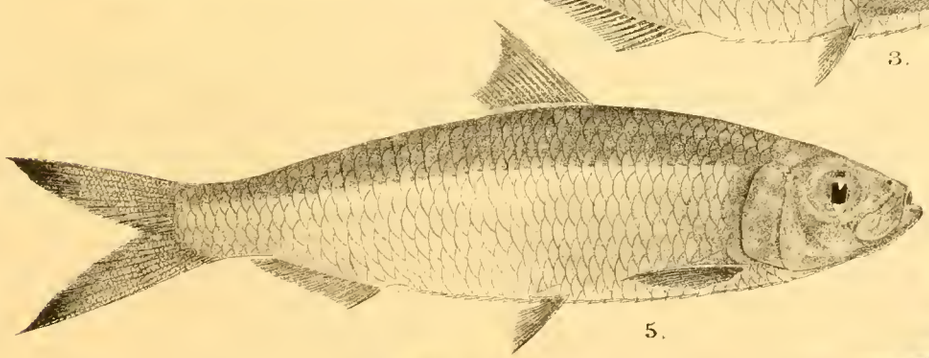

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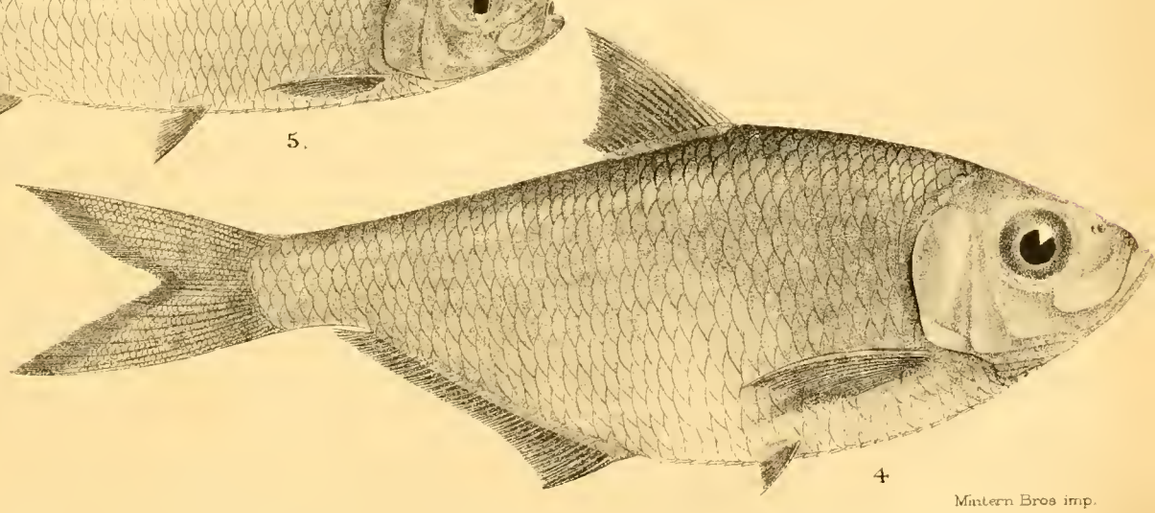

4

F. Day del.

Mintern Bros imp.

1. PELLONA SLADENI. 2. P. BRACHYSOMA. 3. P. ELONGATA. 4. P. INDICA. 5. CLUPEA ATRICAUDA.

ARY
CITY
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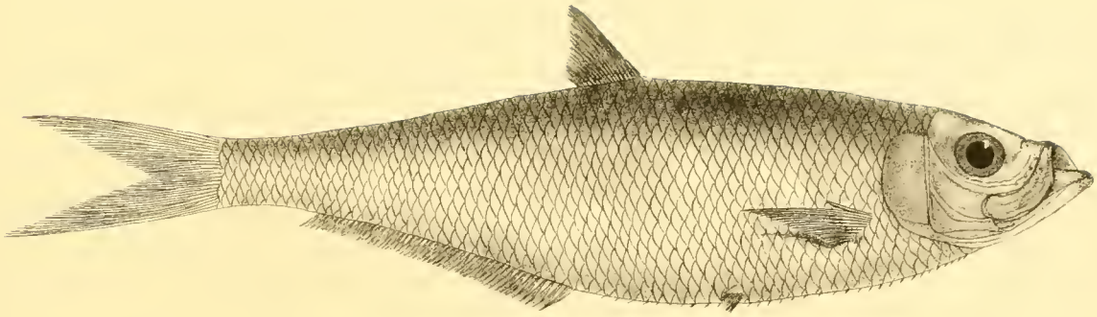

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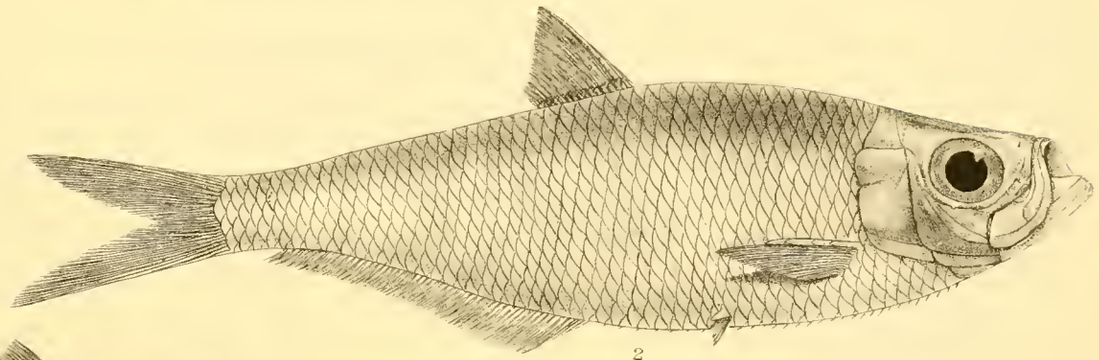

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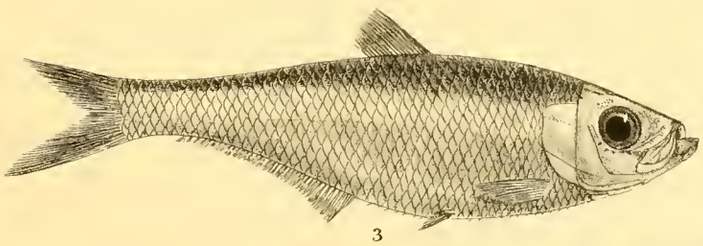

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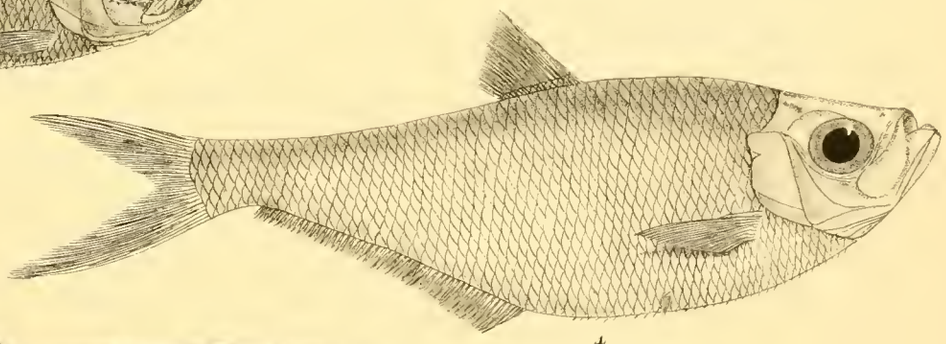

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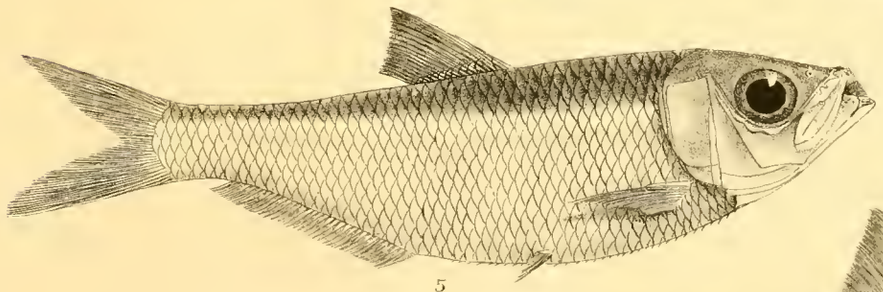

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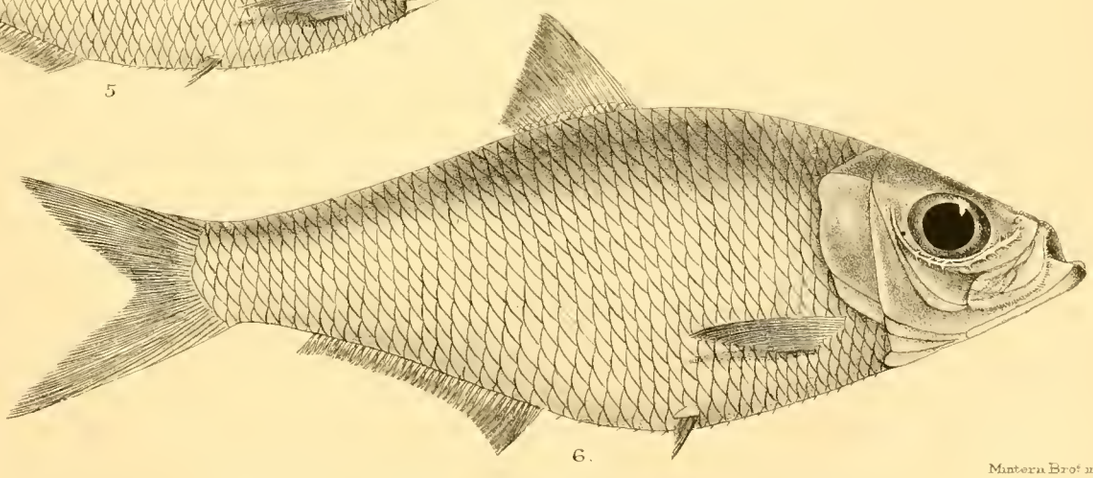


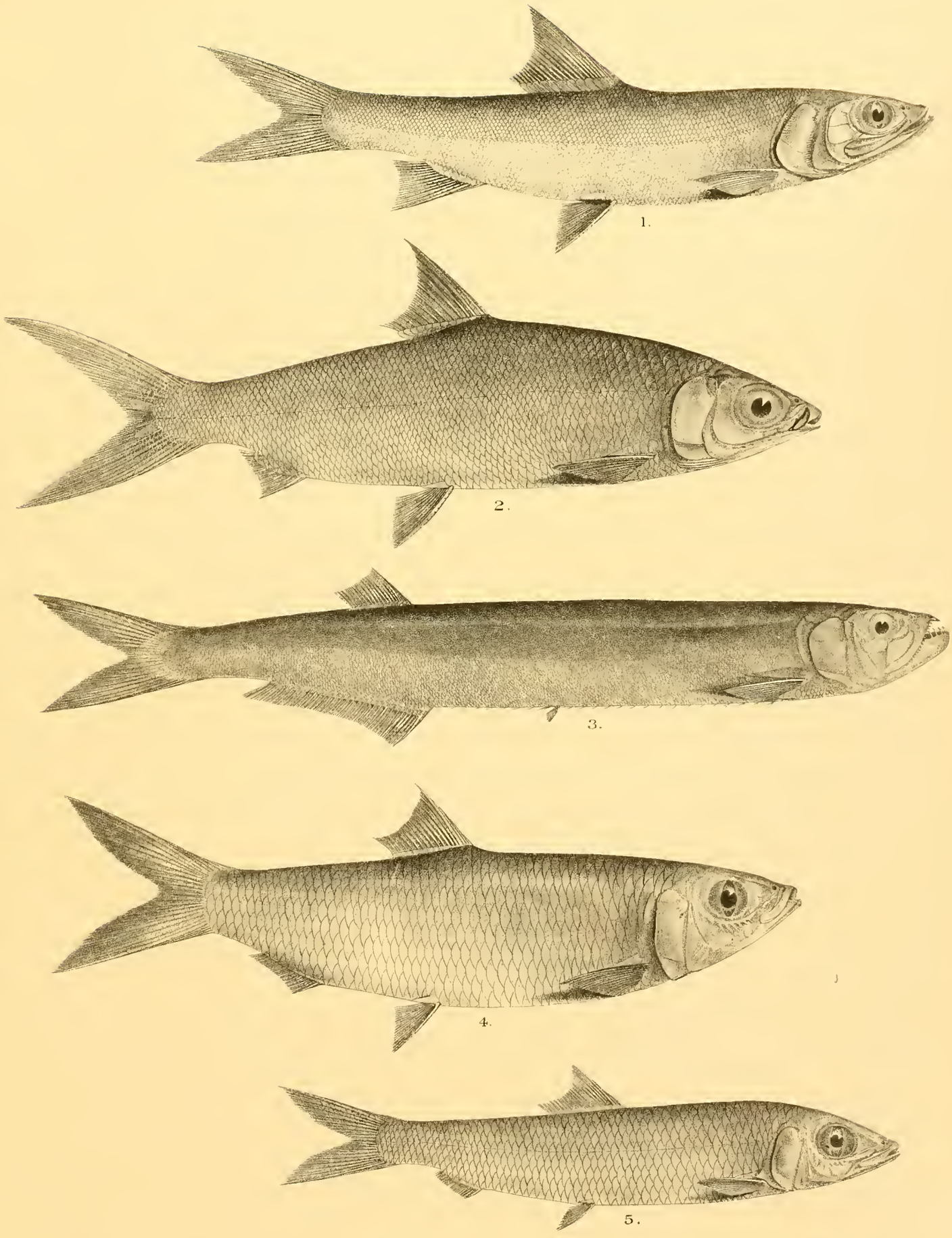
6

F Day del

Mintern Bros imp

1 PELLONA ELONGATA 2. P MEGALOPTERA. 3 P MOTIUS. 4. P. FILIGERA.
5. P. DITCHELA. 6. P. HOEVENII.

USA



C. Achilles lith. Mintern Bros imp

1. ELOPS SAURUS. 2. CHANOS SALMONEUS. 3. CHIROCENTRUS DORAB. 4. DUSSUMIERIA ACUTA. 5. D. HASSELTII.

CY
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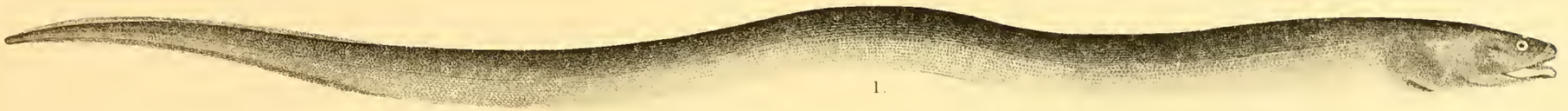

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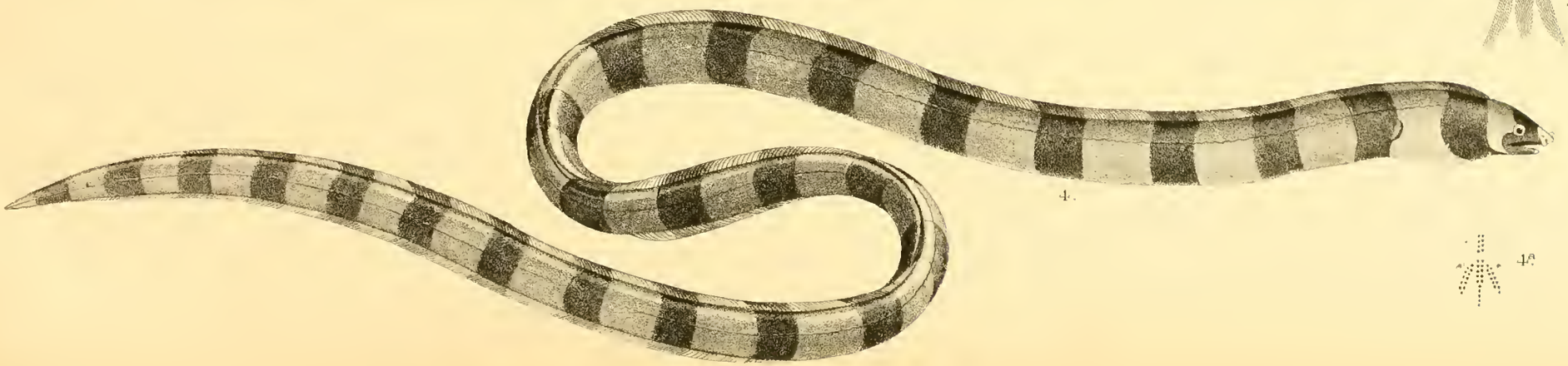

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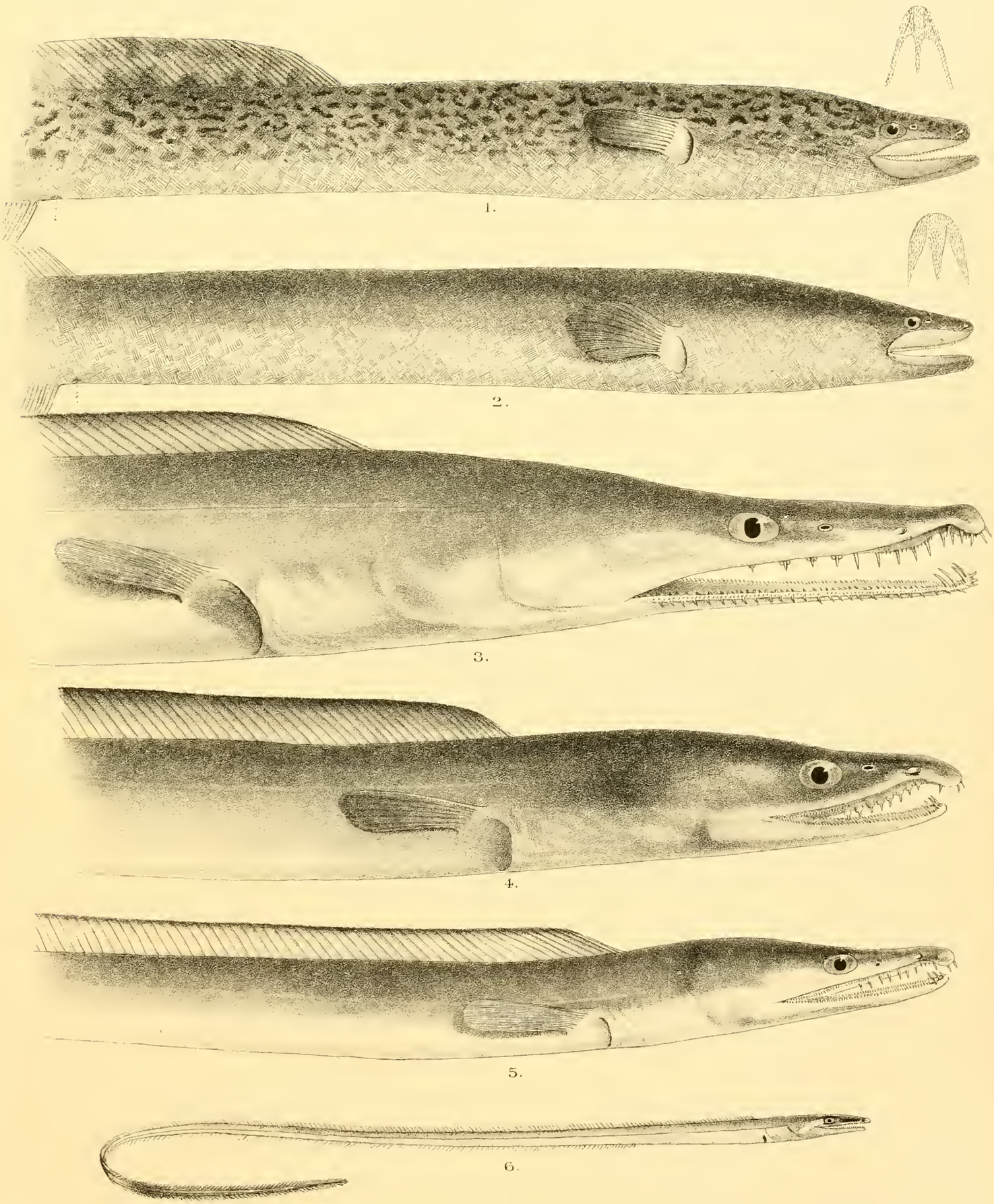

F.Day del. R Mintern lith.

Mintern Bros imp

1. ANGUILLA BENGALENSIS. 2. A. BICOLOR. 3. MURÆNESOX TELABONOIDES. 4. M. CINEREUS.
5. M. TELABON. 6. SAURENCHELYS PETERSI.

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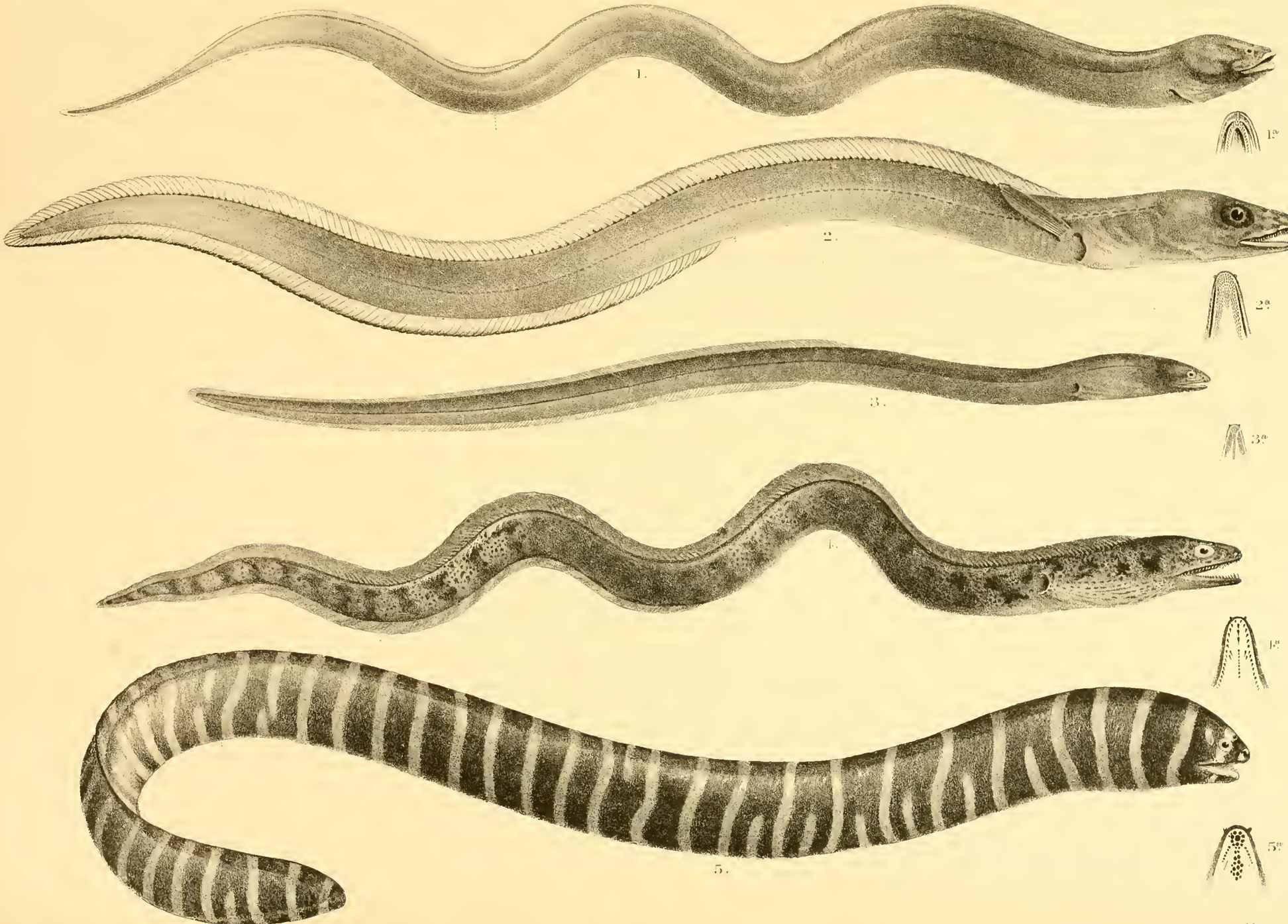

C. Achilles del

Mintern Bros. imp.

1. MONOPTERUS JAVANENSIS. 2. CONGROMURÆNA ANAGO. 3. MURÆNA POLYZONA. 4. MURÆNA PUNCTATOFASCIATA.
5. MURÆNICHTHYS SCHULTZEI.

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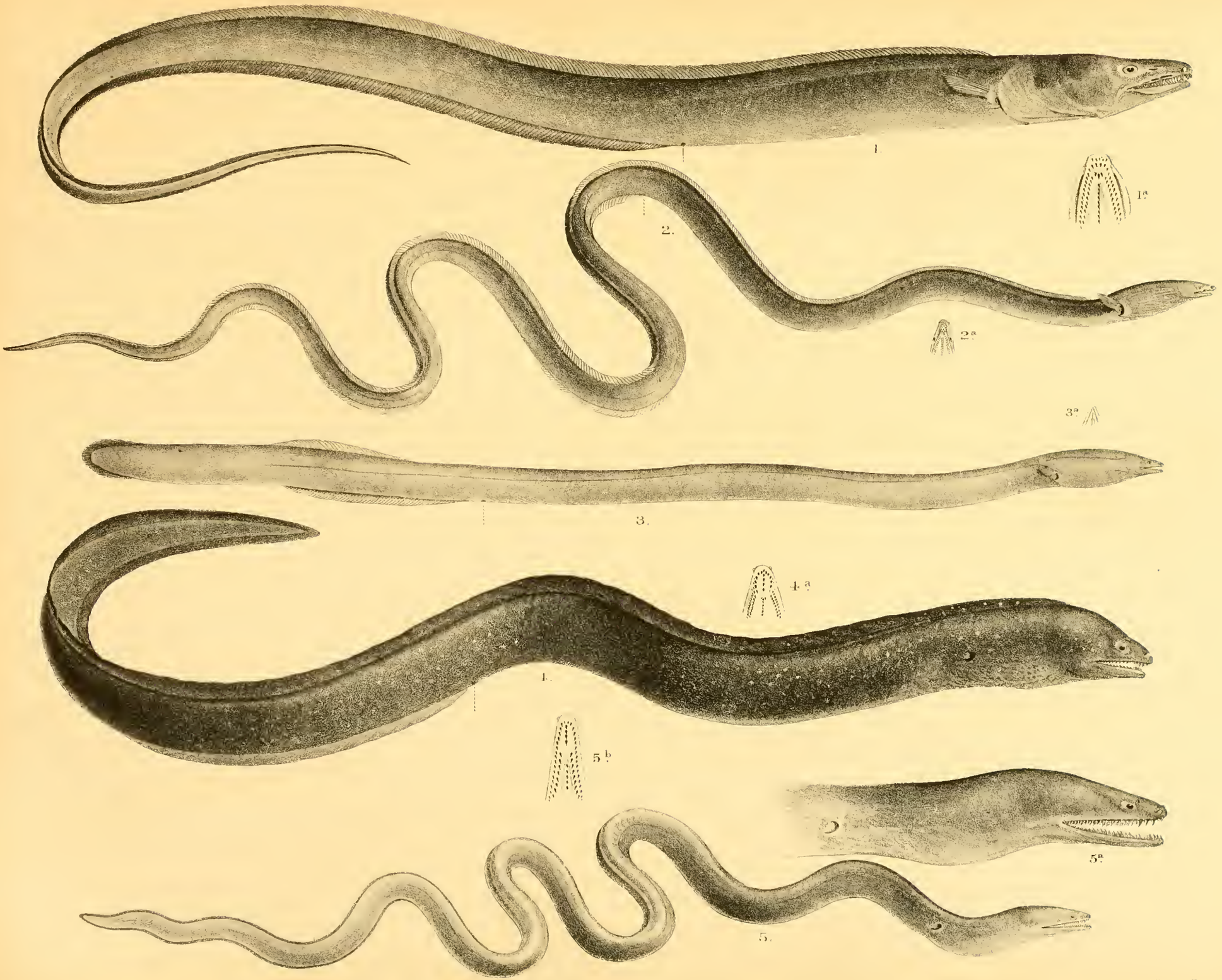

C. Achilles del

Mintern Bros imp

1. UROCONGER LEPTURUS. 2. OPHICHTHYS MICROCEPHALUS. 3. MORINGUA RAITABORUA. 4. MURÆNA TILE. 5. M. MACRURA

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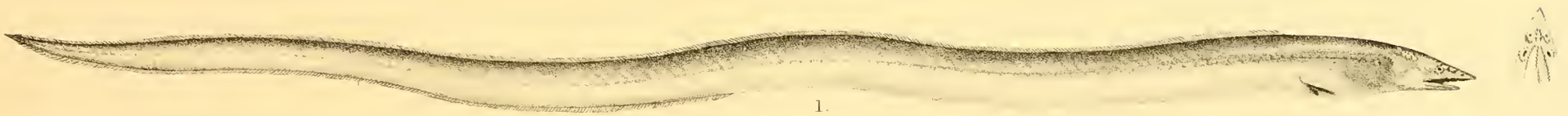

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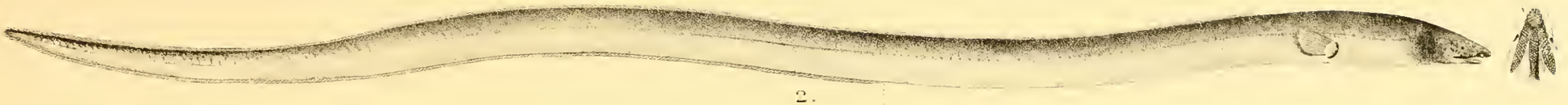

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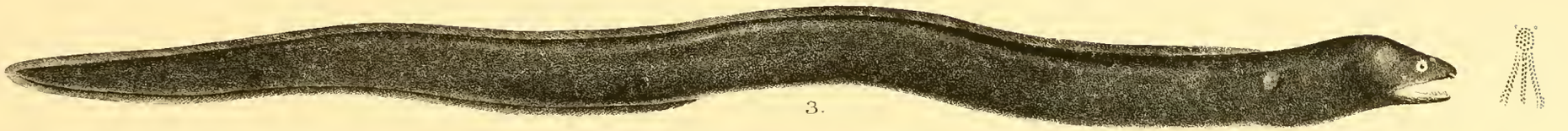

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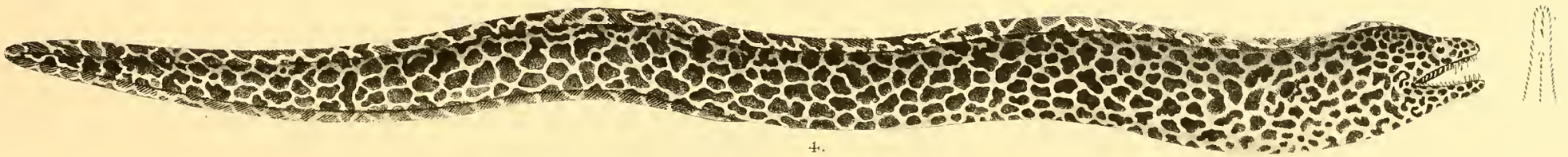

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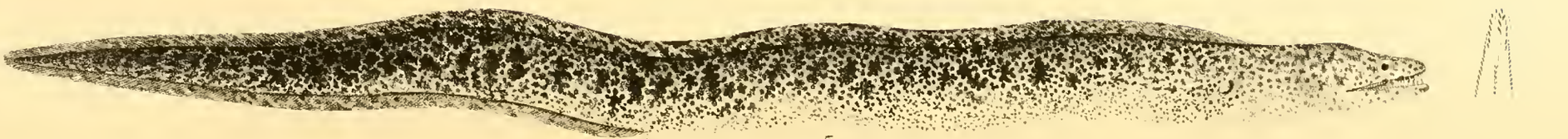


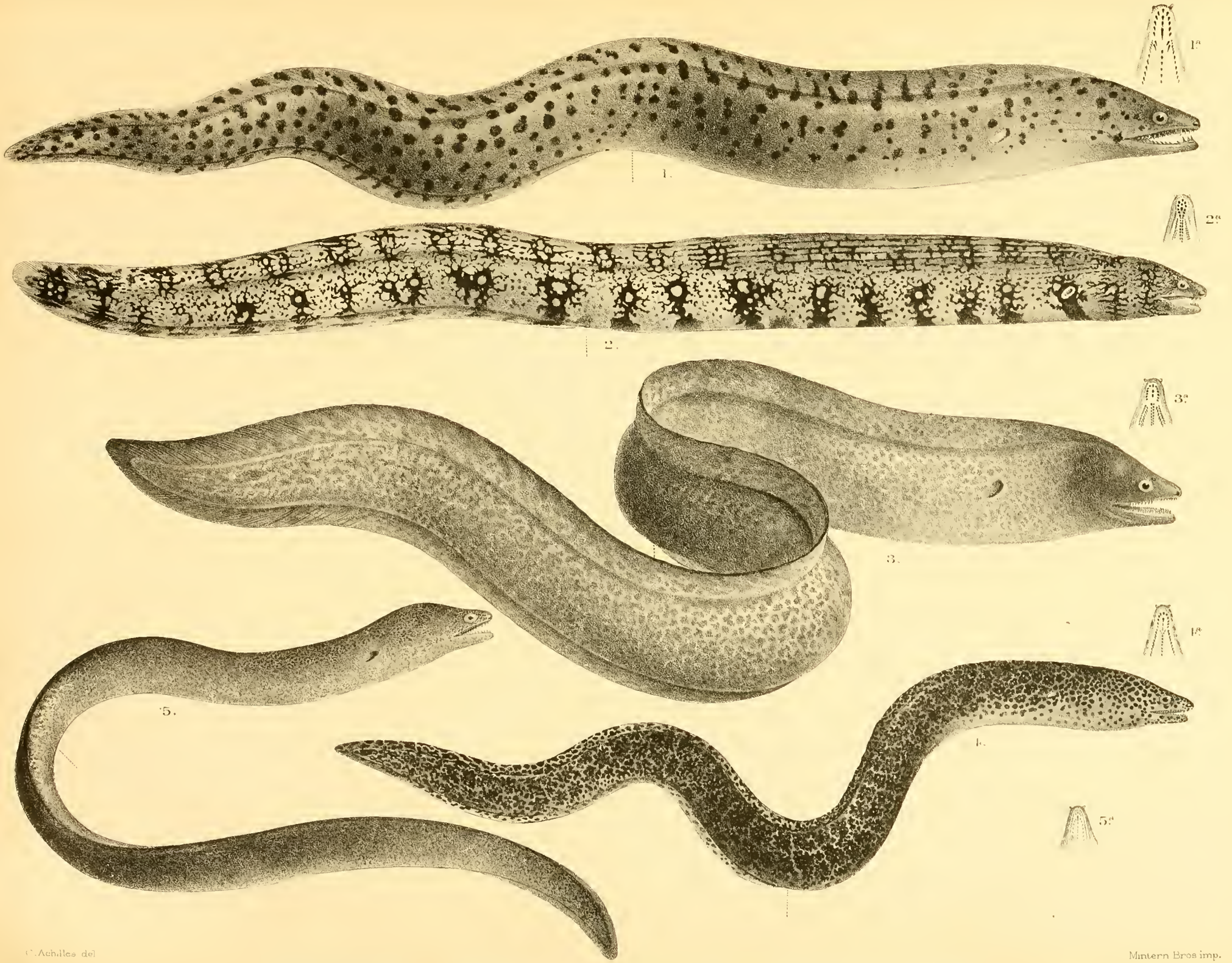
5.

C. Achilles lith

Mintern Bros. imp

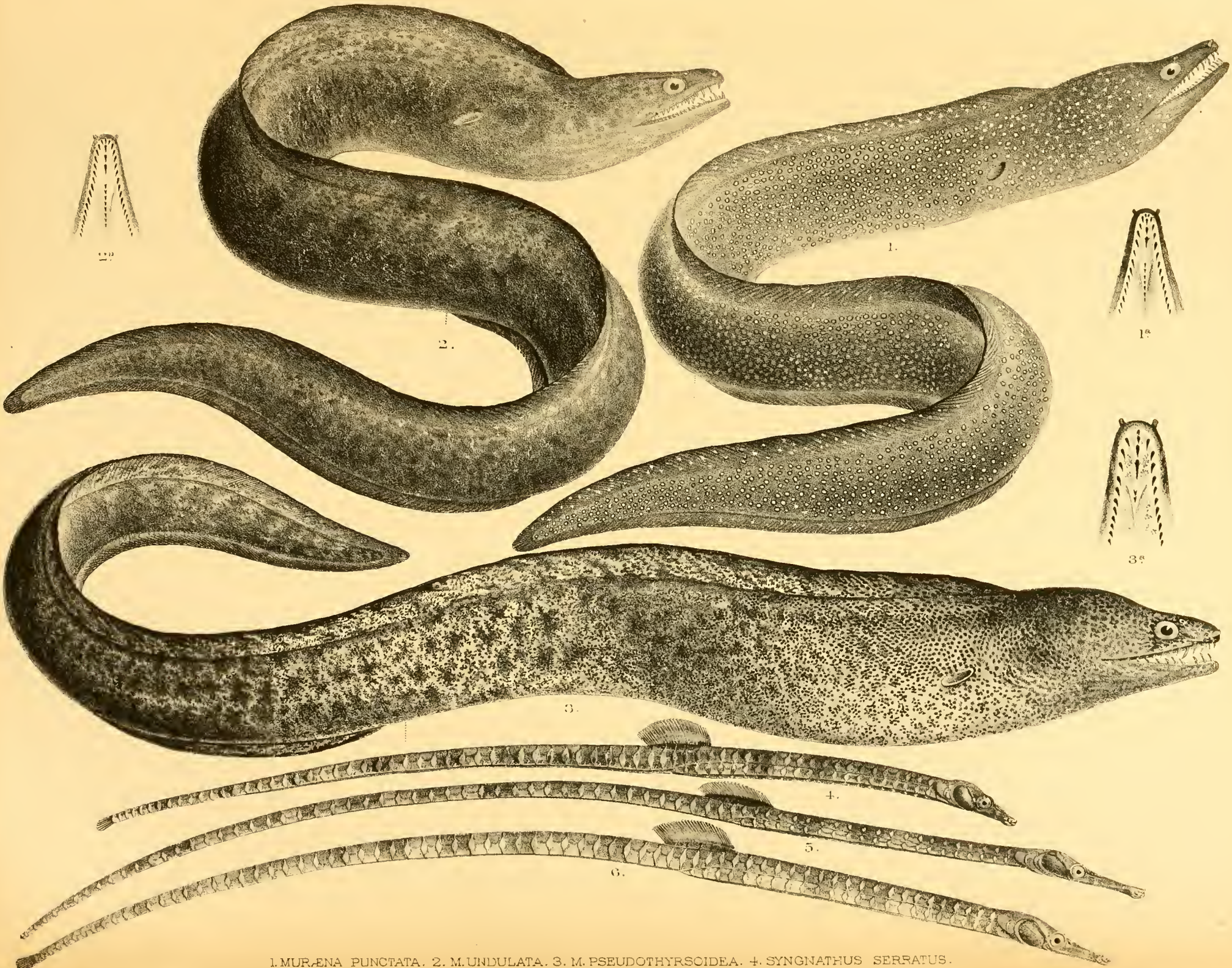
1. OPHICHTHYS ORIENTALIS. 2. O. BORO. 3. MURÆNA NIGRA. 4. M. TESSELLATA. 5. M. UNDULATA.

MUSEUM OF COMPARATIVE ZOOLOGY
HARVARD UNIVERSITY
CAMBRIDGE, MASSACHUSETTS, U.S.A.



C. Achilles del. Mintern Bros imp.

1. MURÆNA FIMBRIATA. 2. M. NEBULOSA. 3. M. THYRSOIDEA. 4. M. PICTA. 5. GYMNOMURÆNA MARMORATA.



1. MURÆNA PUNCTATA. 2. M. UNDULATA. 3. M. PSEUDOTHYRSOIDEA. 4. SYNGNATHUS SERRATUS.
5. S. LONGIROSTRIS. 6. S. INTERMEDIUS.

Mintern. Bros imp.

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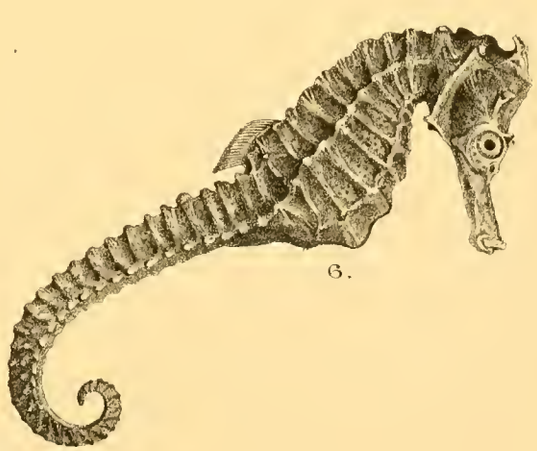

C. Achilles lith. Mintern Bros imp.

1. SYNGNATHUS SPICIFER. 2. ICHTHYOCAMPUS CARCE. 3. DORYICHTHYS BLEEKERI. 4. D. CUNCULUS.
5. GASTROTOKEUS BIACULEATUS. 6. HIPPOCAMPUS GUTTULATUS. 7. H. TRIMACULATUS.

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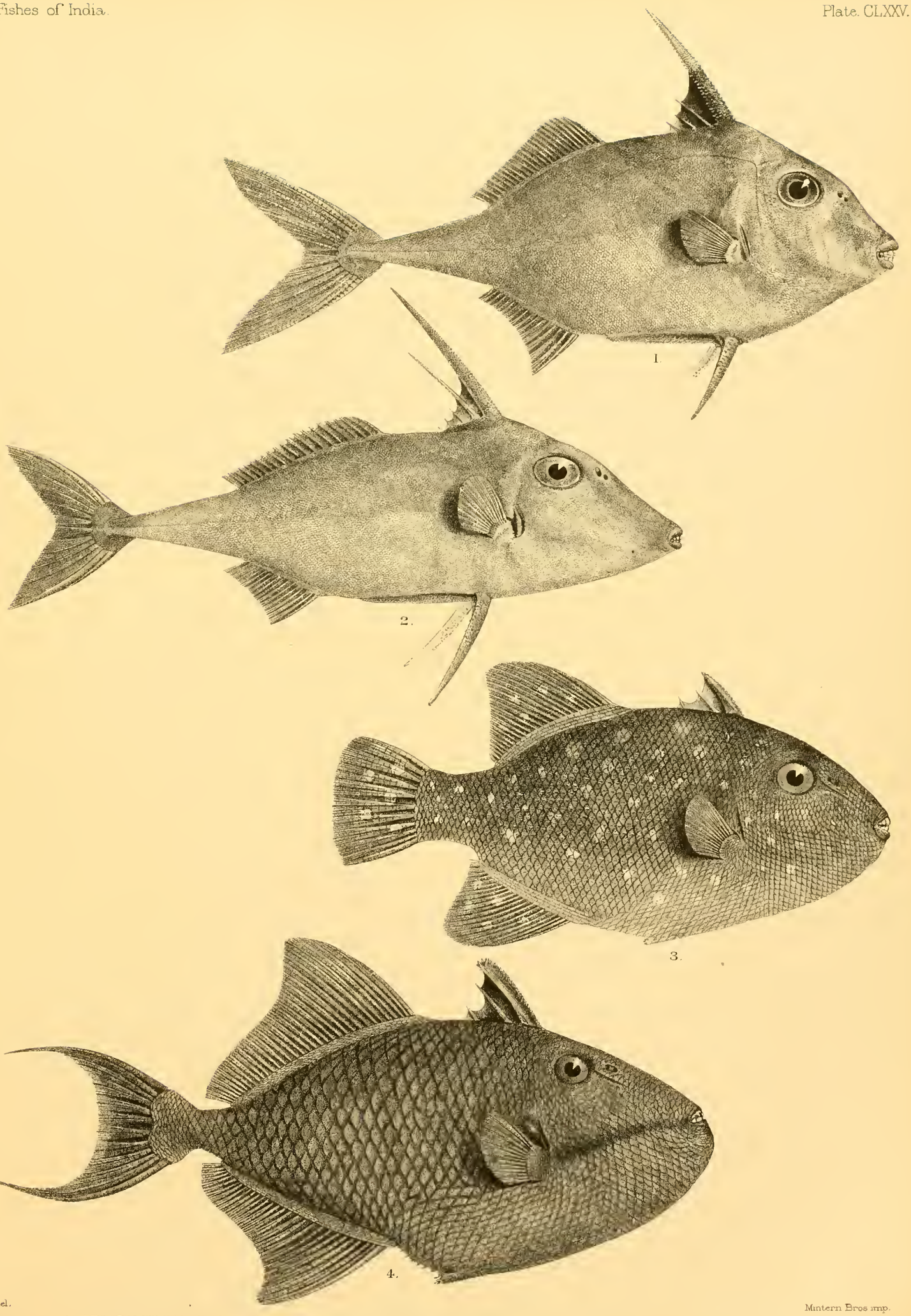

F. Day del. Mintern Bros imp.

1. TRIACANTHUS BREVIROSTRIS. 2. T. STRIGILIFER. 3. BALISTES MACULATUS. 4. B. ERYTHRODON.

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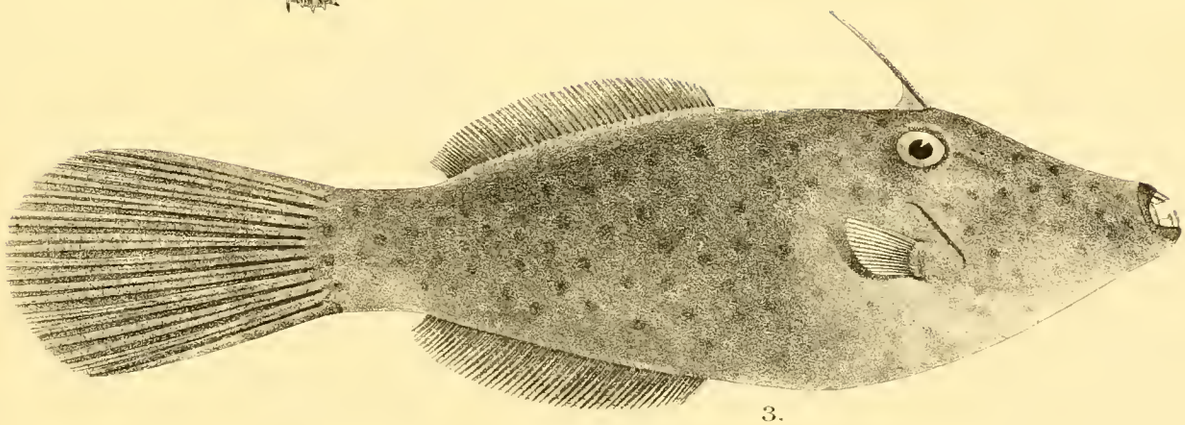
2.



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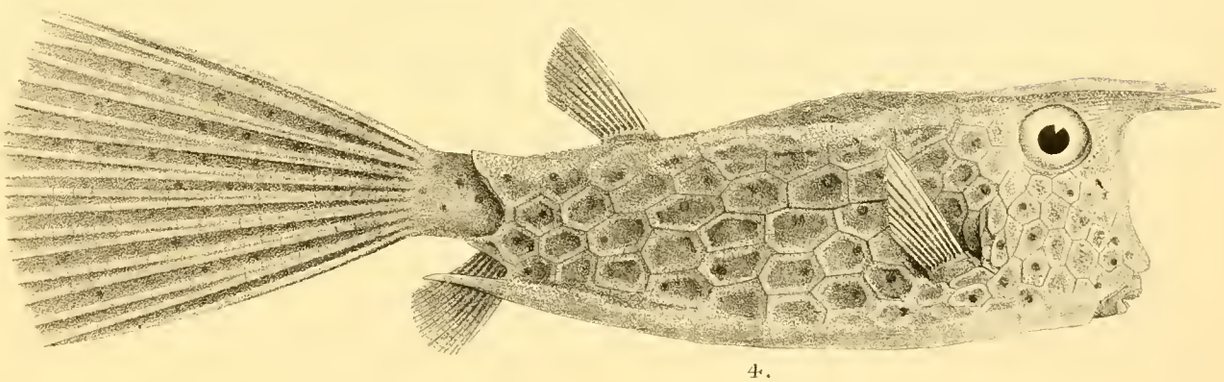

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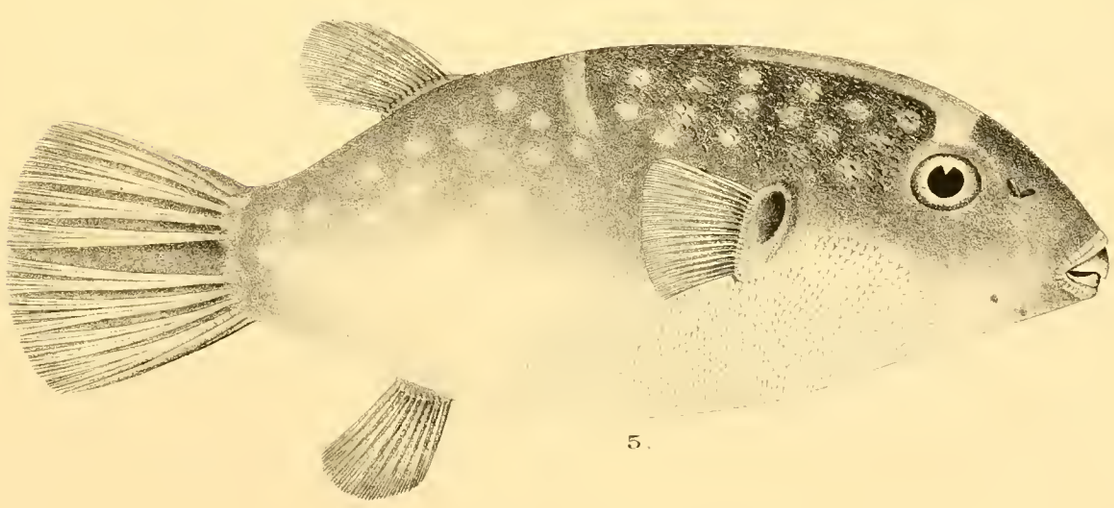
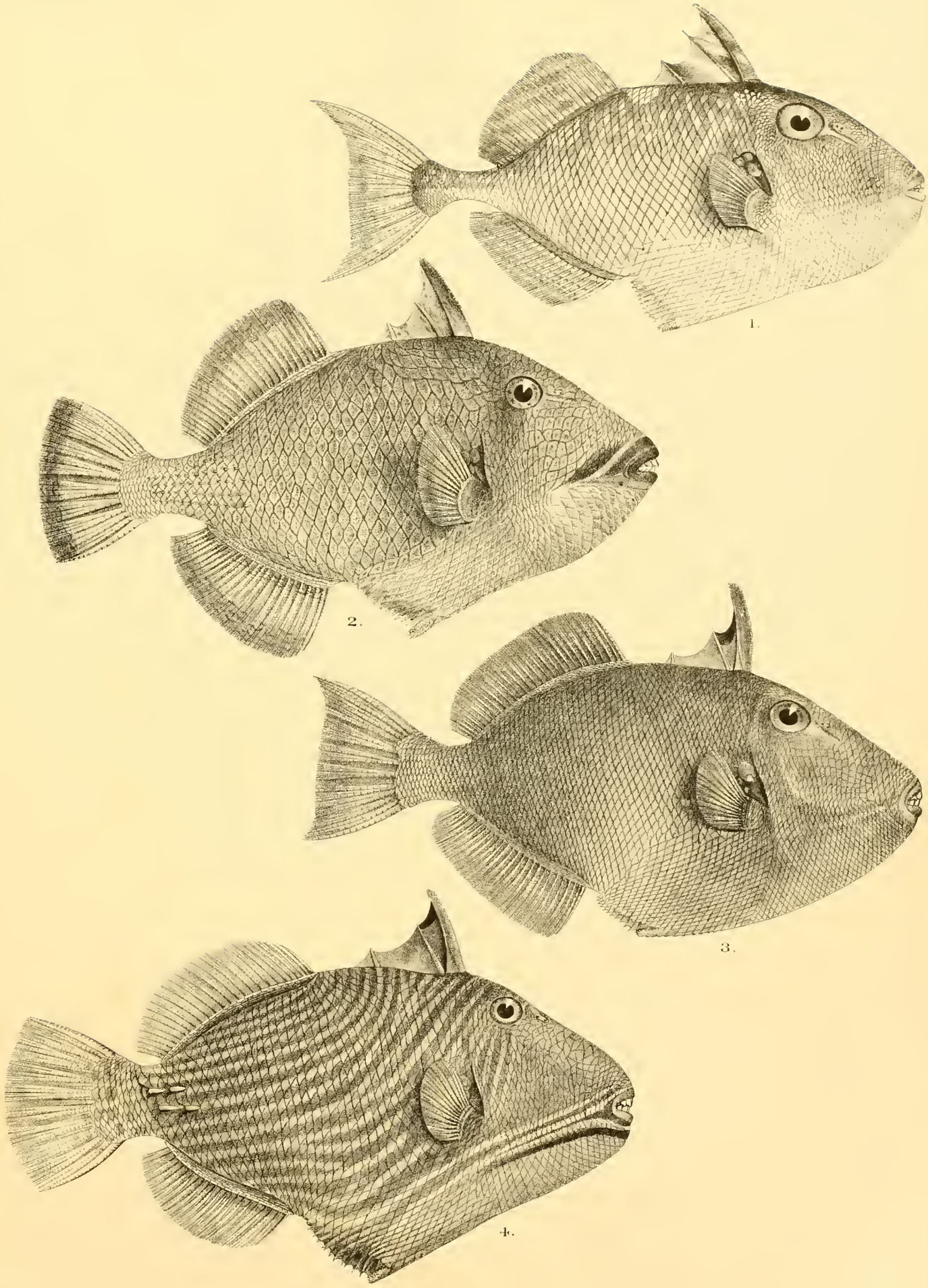


5.

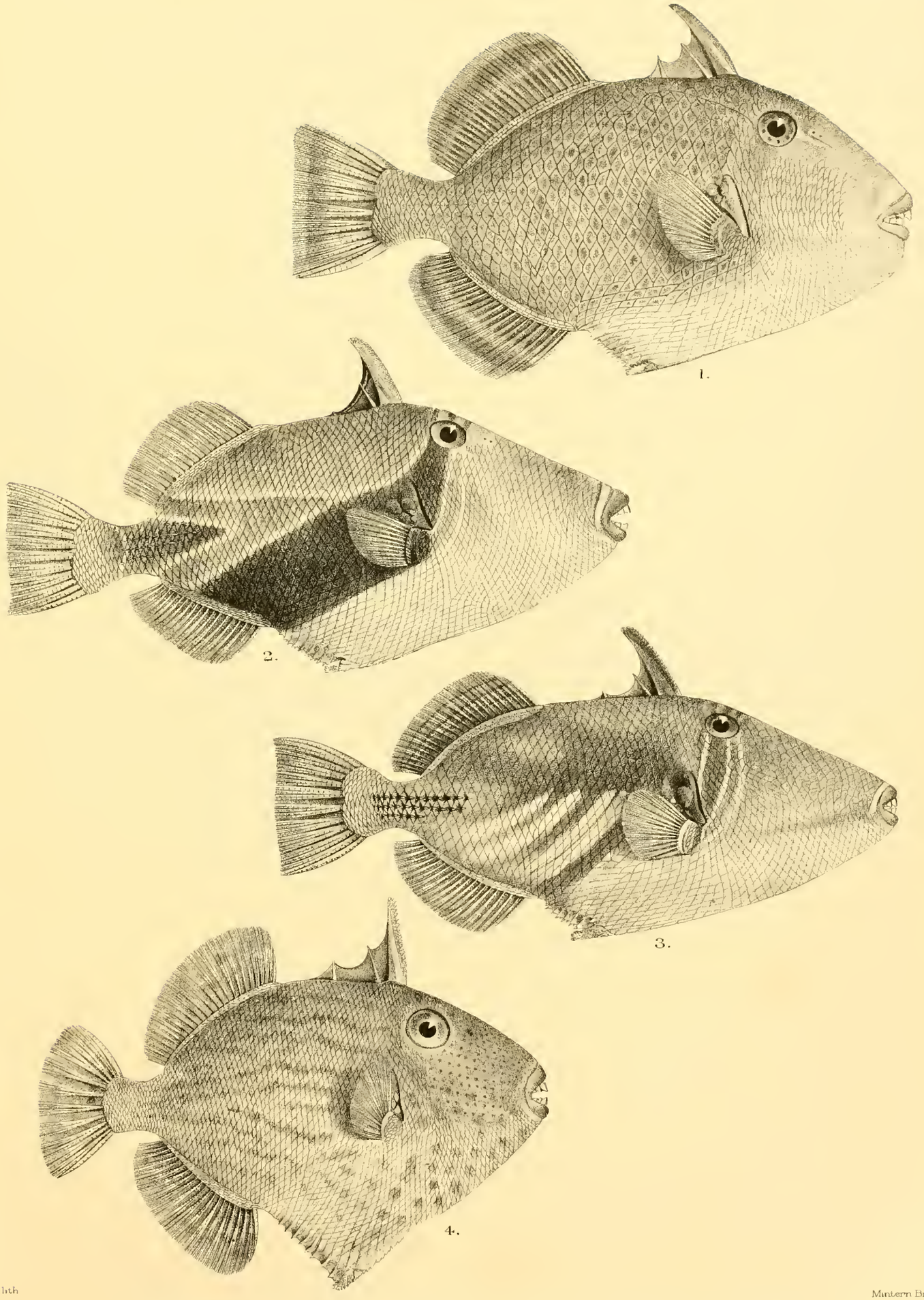
Achilles del.et lith. Mintern Bros.imp.

1.ACENTRONURA GRACILLIMA. 2. HIPPOCAMPUS HYSTRIX. 3. ANACANTHUS SCRIPTUS.
4.OSTRACION CORNUTUS 5.TETRODON VIRIDIPUNCTATUS.



Ardaillon lith. Mintern Bros imp.

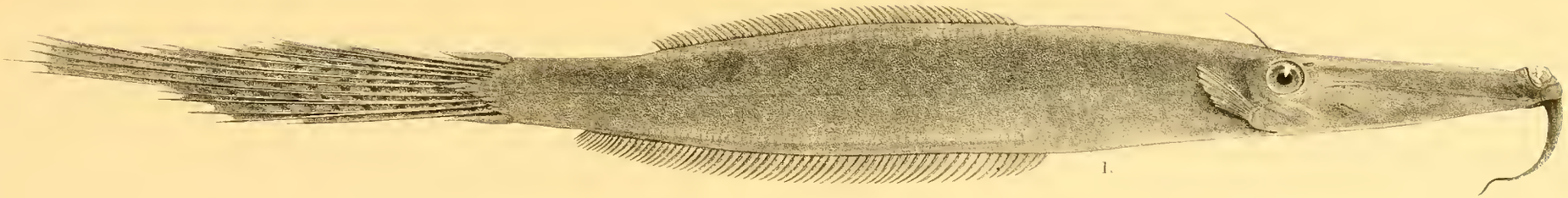
1. BALISTES STELLATUS. 2. B. VIRIDESCENS. 3. B. MITIS. 4. B. UNDULATUS.



C. Achilles. lith

Mintern Bros imp

1. BALISTES FLAVIMARGINATUS. 2. B. RECTANGULUS. 3. B ACULEATUS. 4. B. FUSCUS.



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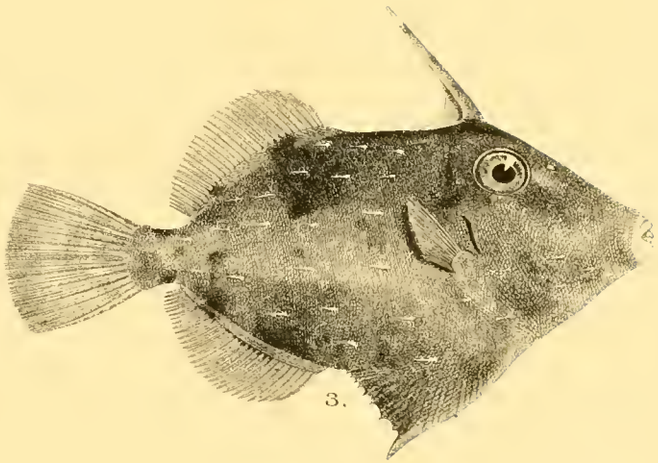

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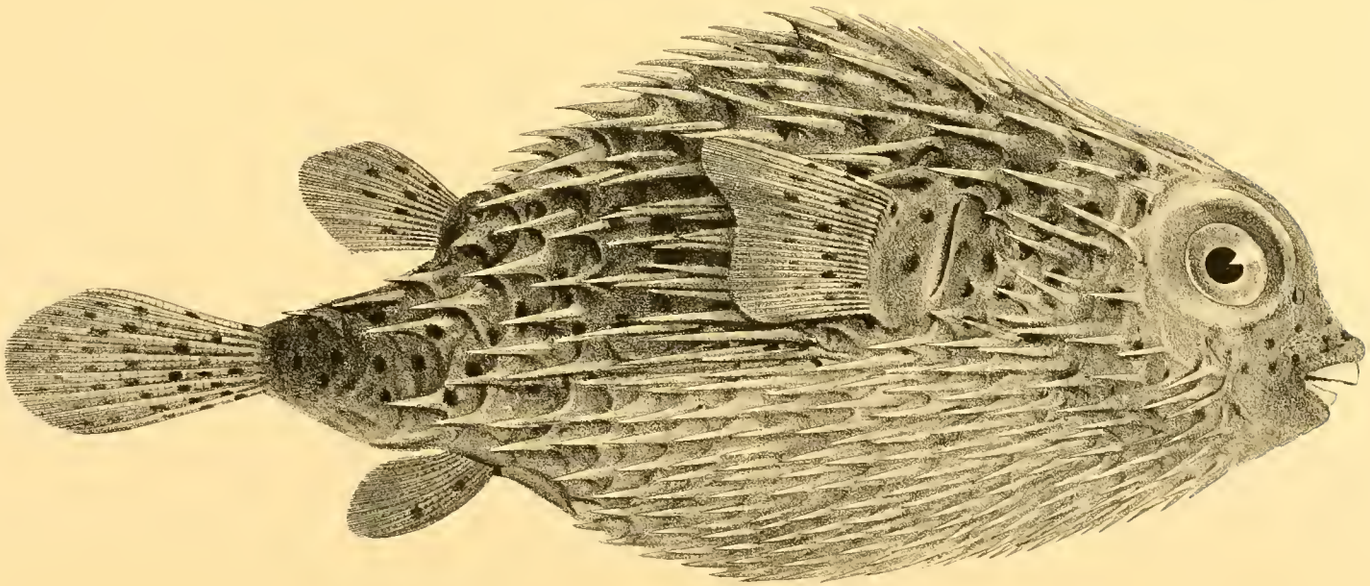


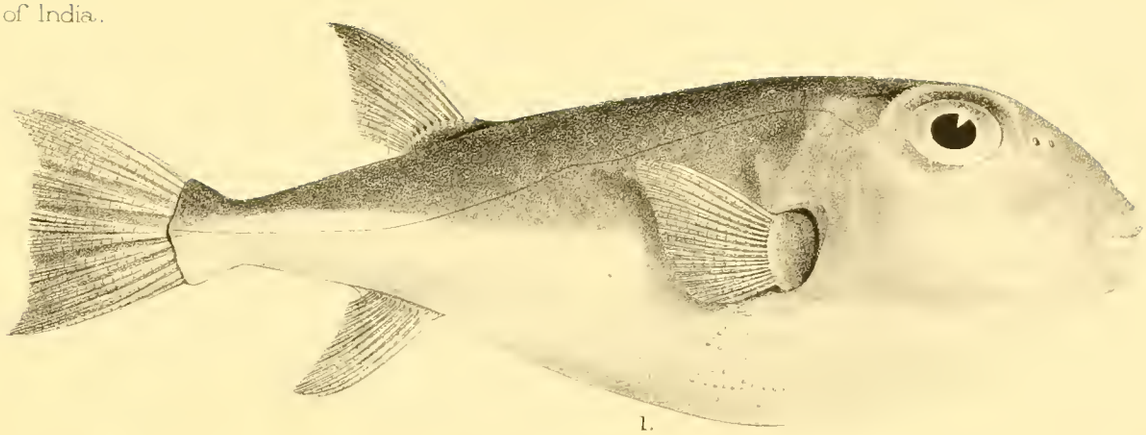
4.

C. Achilles lith

Mintern Bros imp.

1. ANACANTHUS BARBATUS. 2. MONACANTHUS MONOCEROS. 3. M. CHOIROCEPHALUS. 4. DIODON HYSTRIX.

MCZ
HAR
CAME



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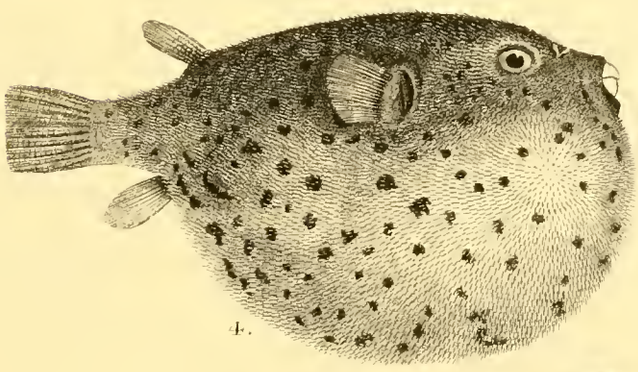

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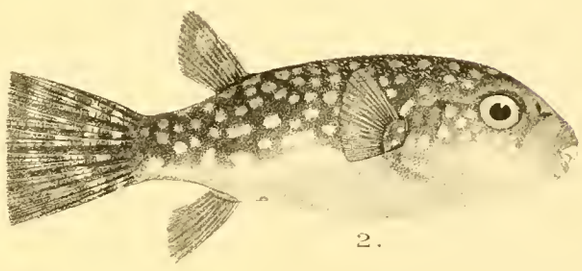

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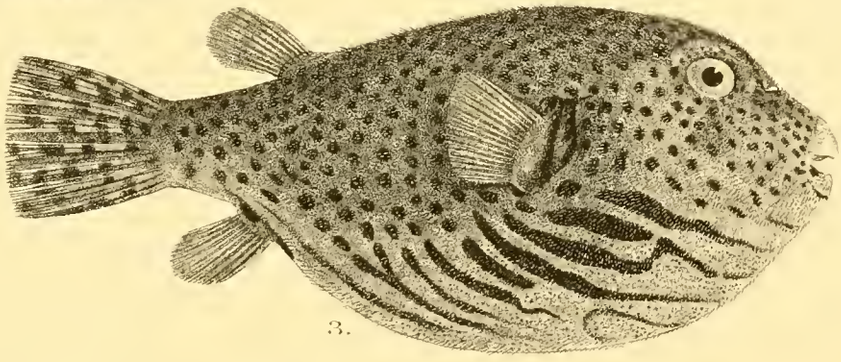

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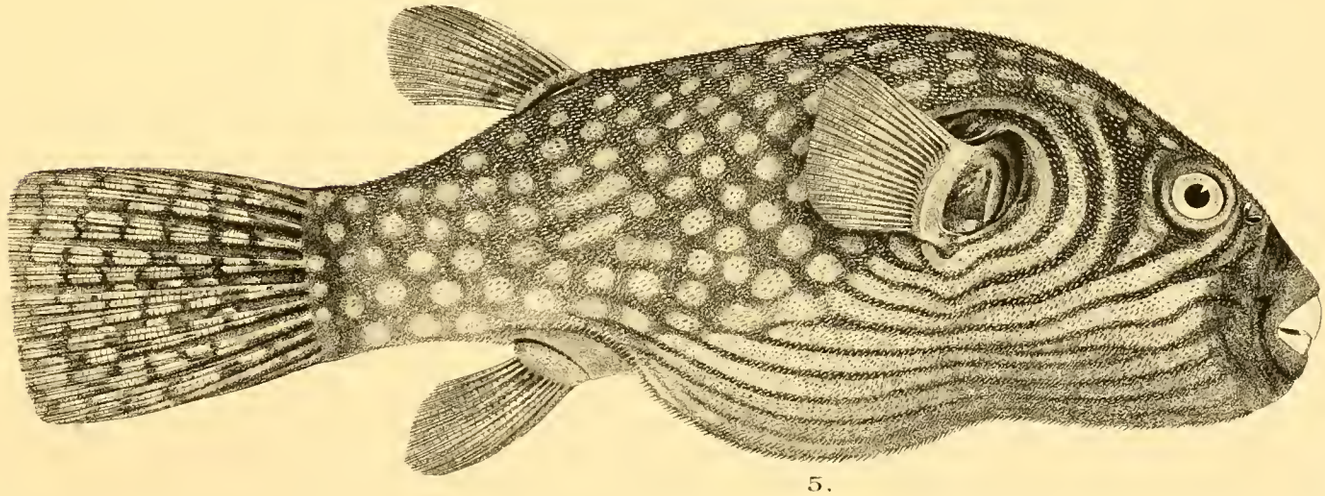
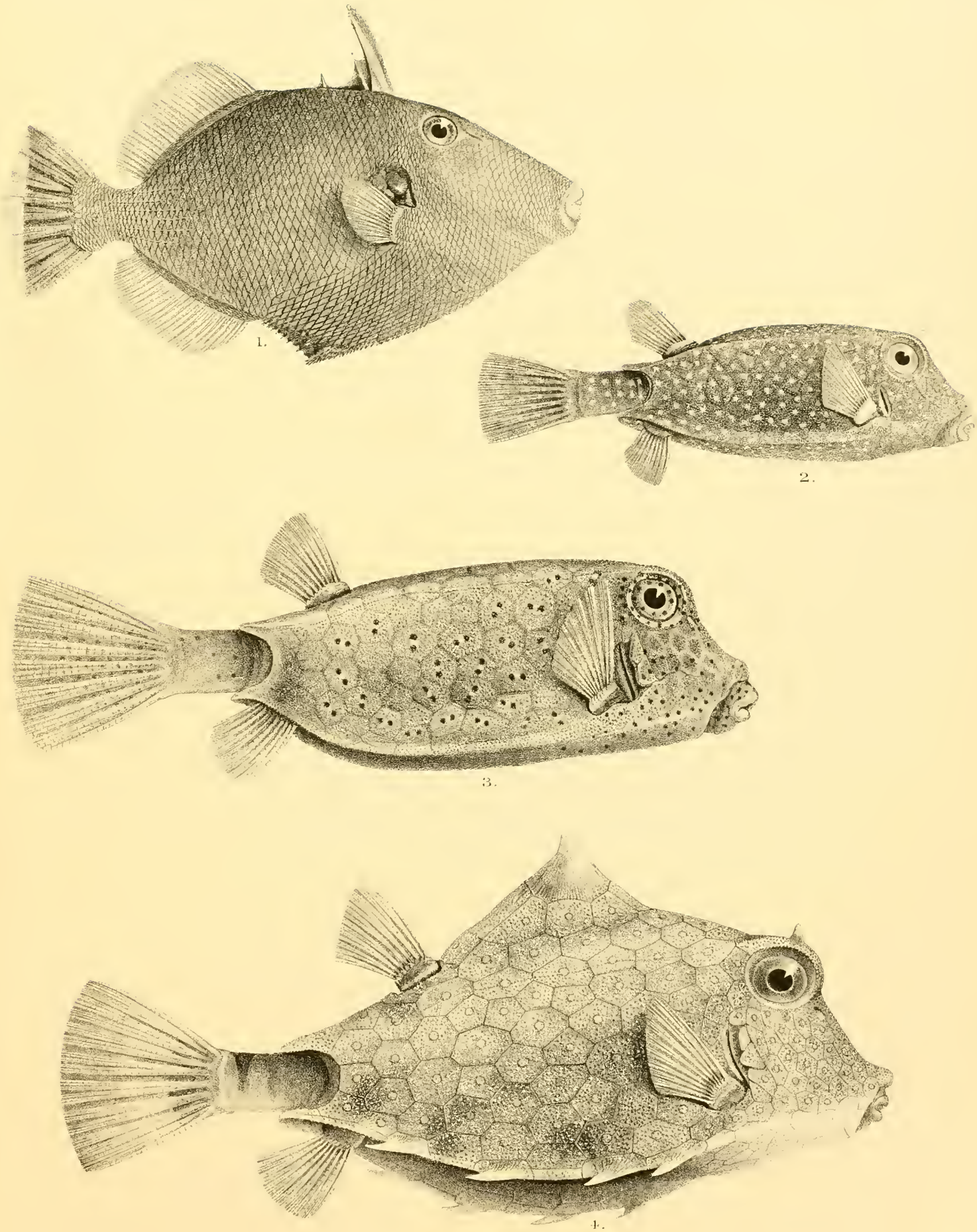


5.

Achilles delet lith

Mintern Bros. imp

1. TETRODON INERMIS. 2. T. LEOPARDUS. 3. T. LINEATUS. 4. T. NIGROPUNCTATUS. 5. T. RETICULARIS.



C. Achilles lith.

1. BALISTES NIGER. 2. OSTRACION PUNCTATUS. 3. O. CUBICUS. 4. O. TURRITUS.

Mintern Bros imp

HA
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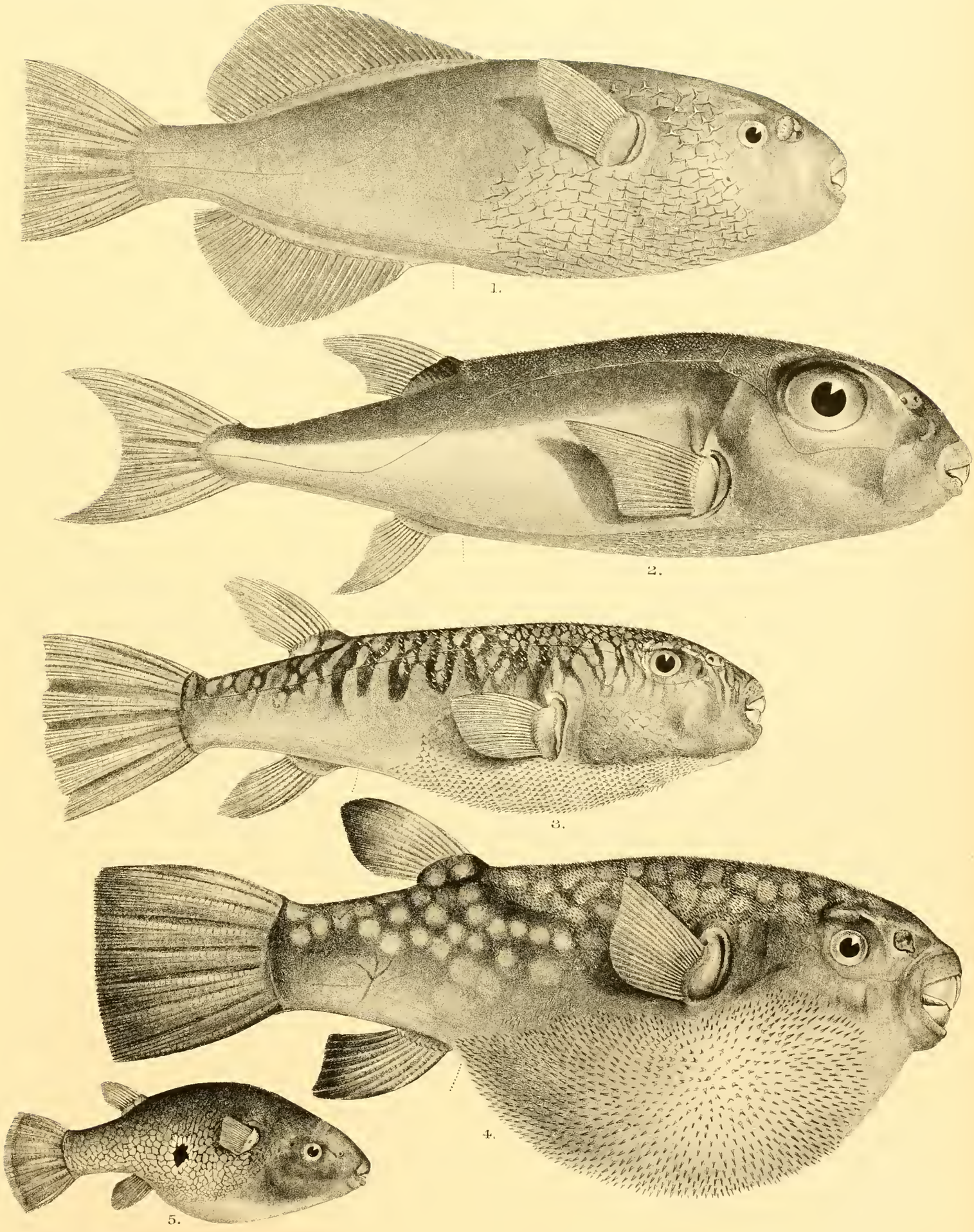
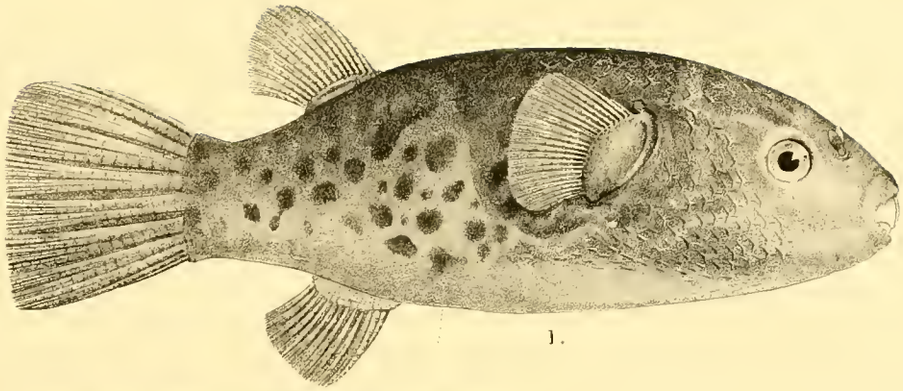


C.Achilles lith. Mintern Bros imp.

1. XENOPTERUS NARITUS. 2. TETRODON LUNARIS. 3. T. OBLONGUS. 4. T. PATOCA. 5. T. CUTCUTIA.



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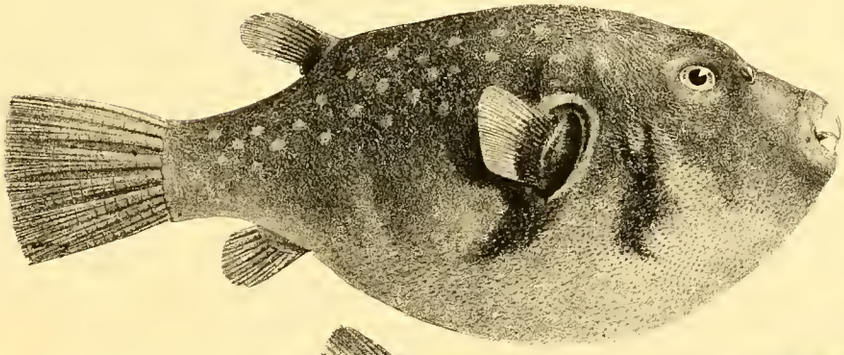

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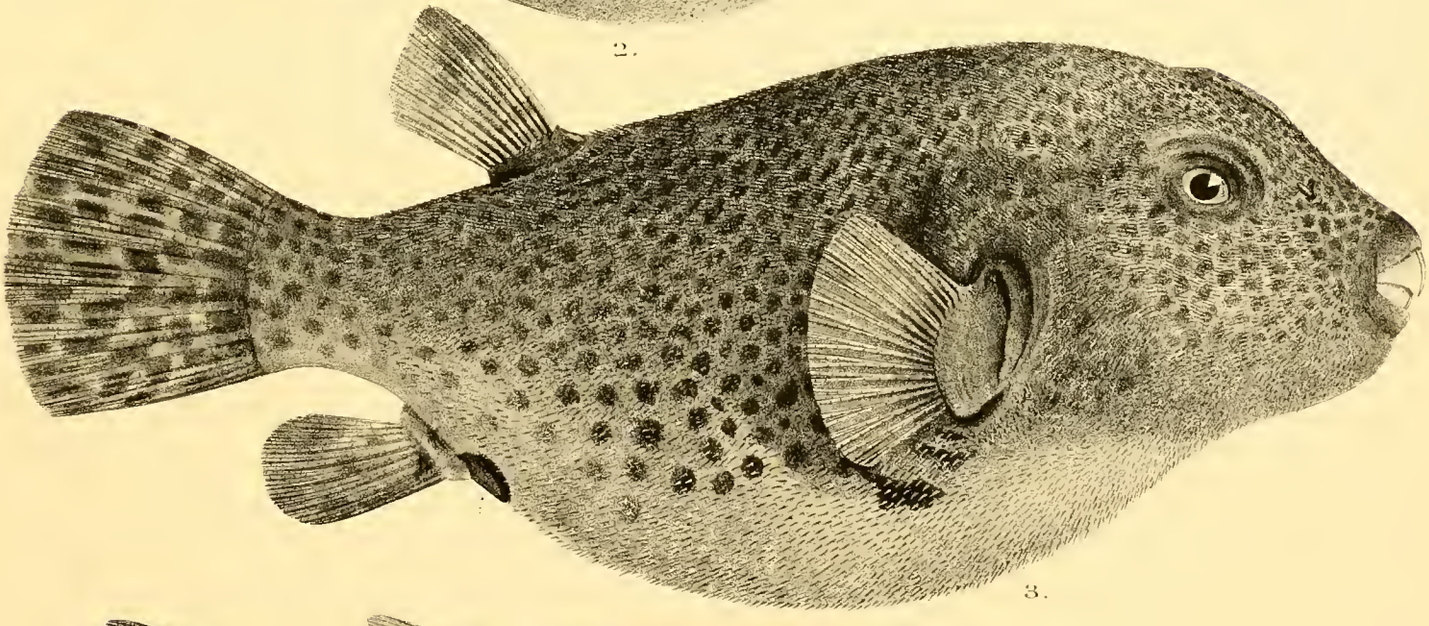

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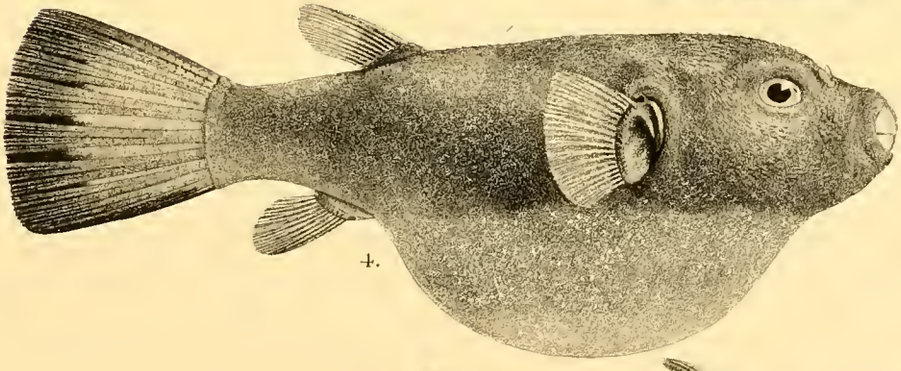

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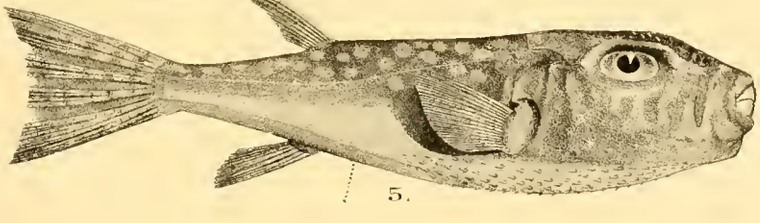


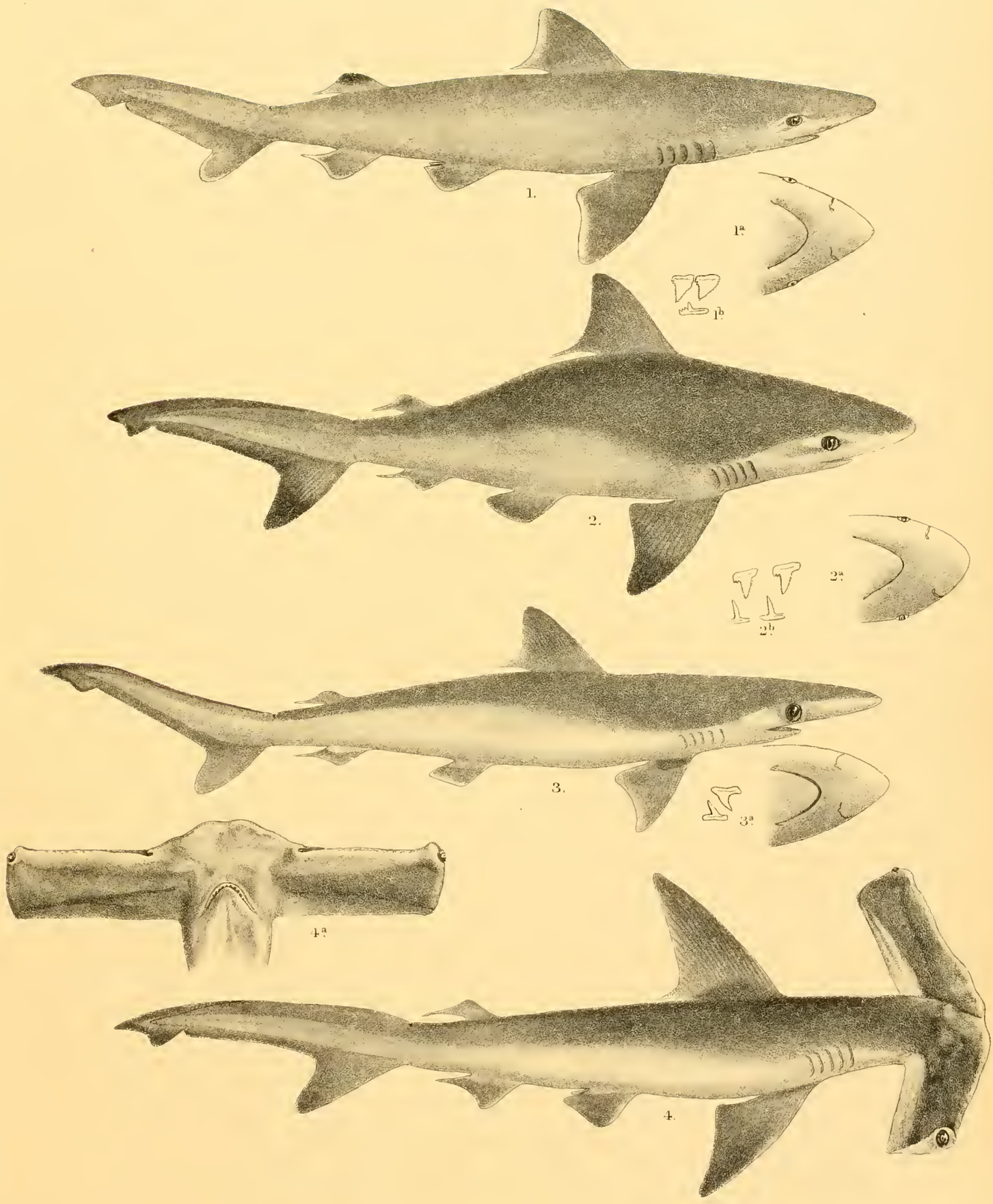
5.

C Achilles lith

Mintern Bros imp.

1. TETRODON FLUVIATILIS. 2. T. HISPIDUS. 3. T. STELLATUS. 4. T. IMMACULATUS. 5. T. HYPSELOGENION.

HA SITY
CA USA

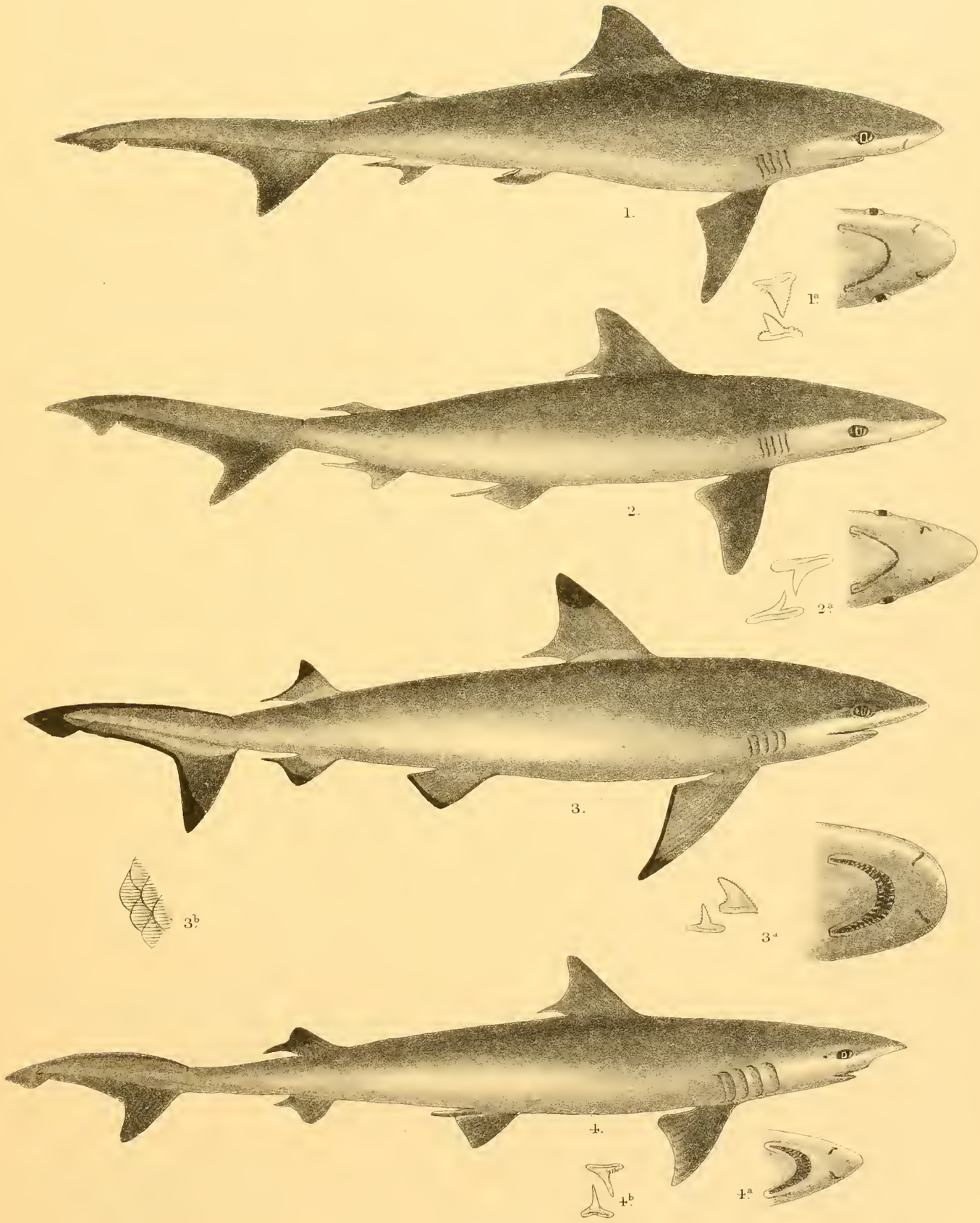


F Day del R Mintern lith

Mintern Bros imp

1. CARCHARIAS MENISORRAH. 2. C. LIMBATUS. 3. C. ACUTUS 4. ZYGÆNA BLOCHII

HA
CA
USA

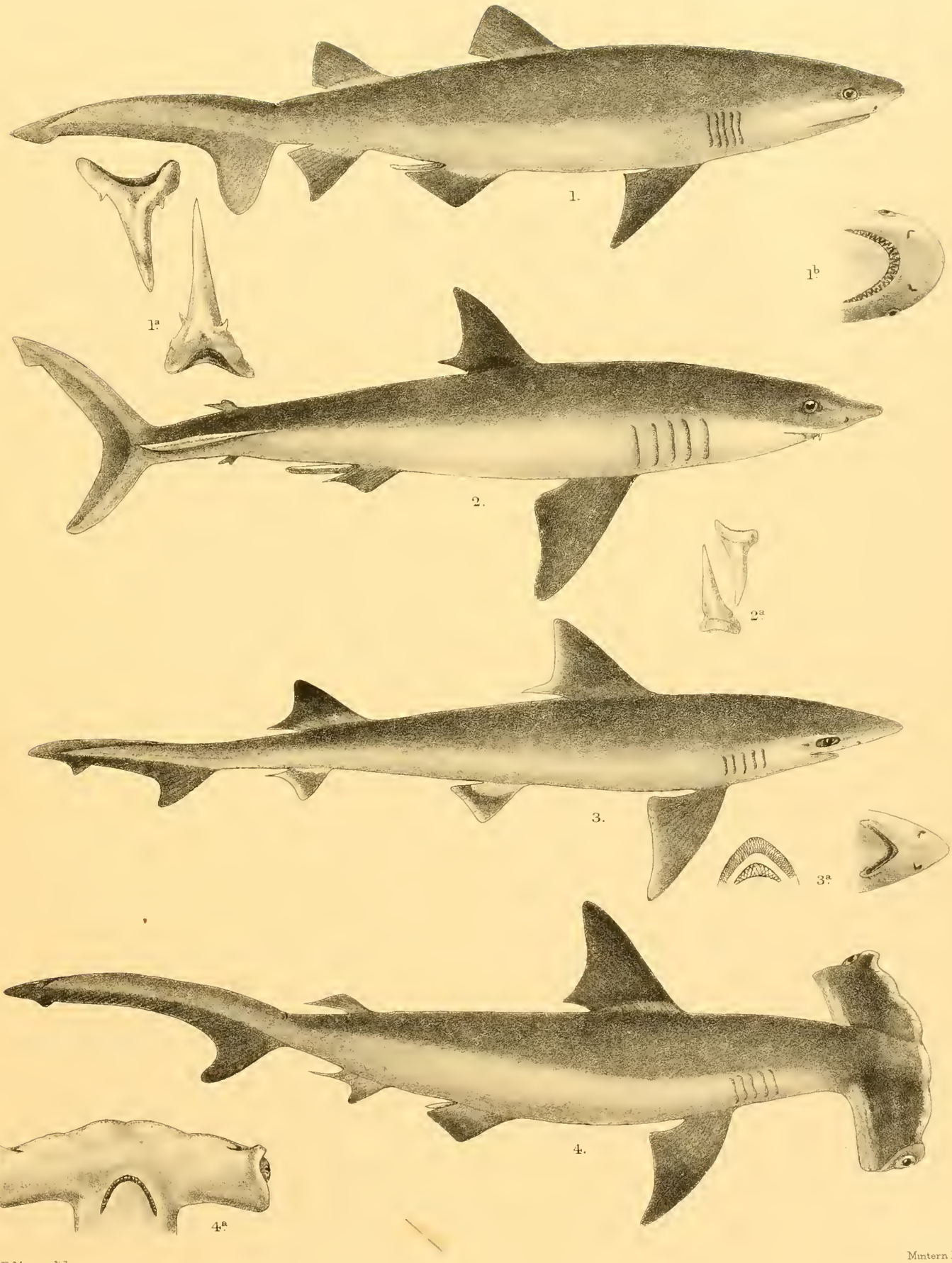


F Day del R Mintern lith

Mintern Bros imp

1. CARCHARIAS SORRAH. 2. C. WALBEEHMII. 3 C. MELANOPTERUS. 4 HEMIGALEUS BALFOURI.

H[illegible]ERSITY
CA[illegible] USA

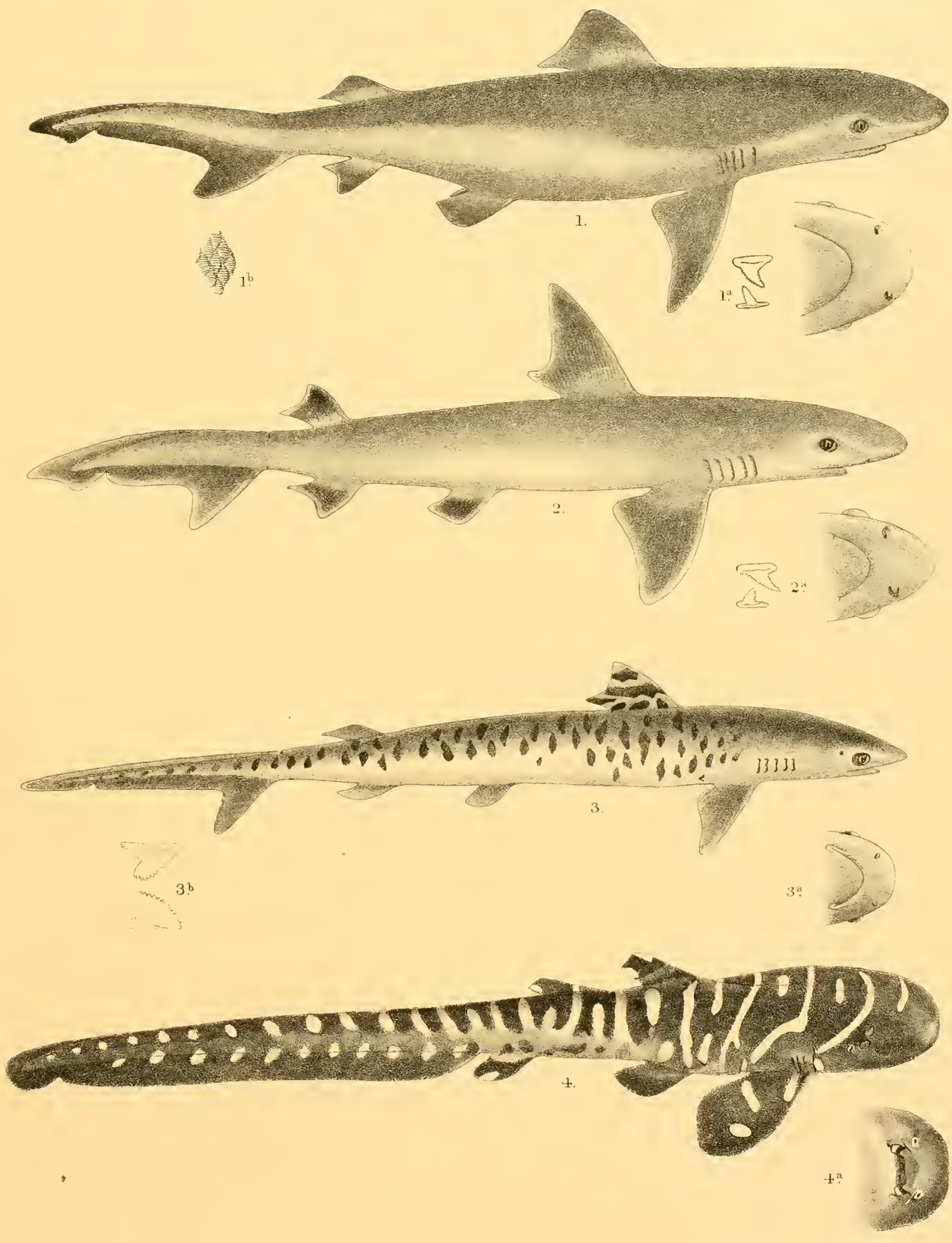


F. Day del. R. Mintern lith.

Mintern Bros. imp

1. CARCHARIAS TRICUSPIDATUS. 2 LAMNA SPALLANZANII. 3. MUSTELUS MANAZO. 4 ZYGÆNA MALLEUS.

H ITY
C USA

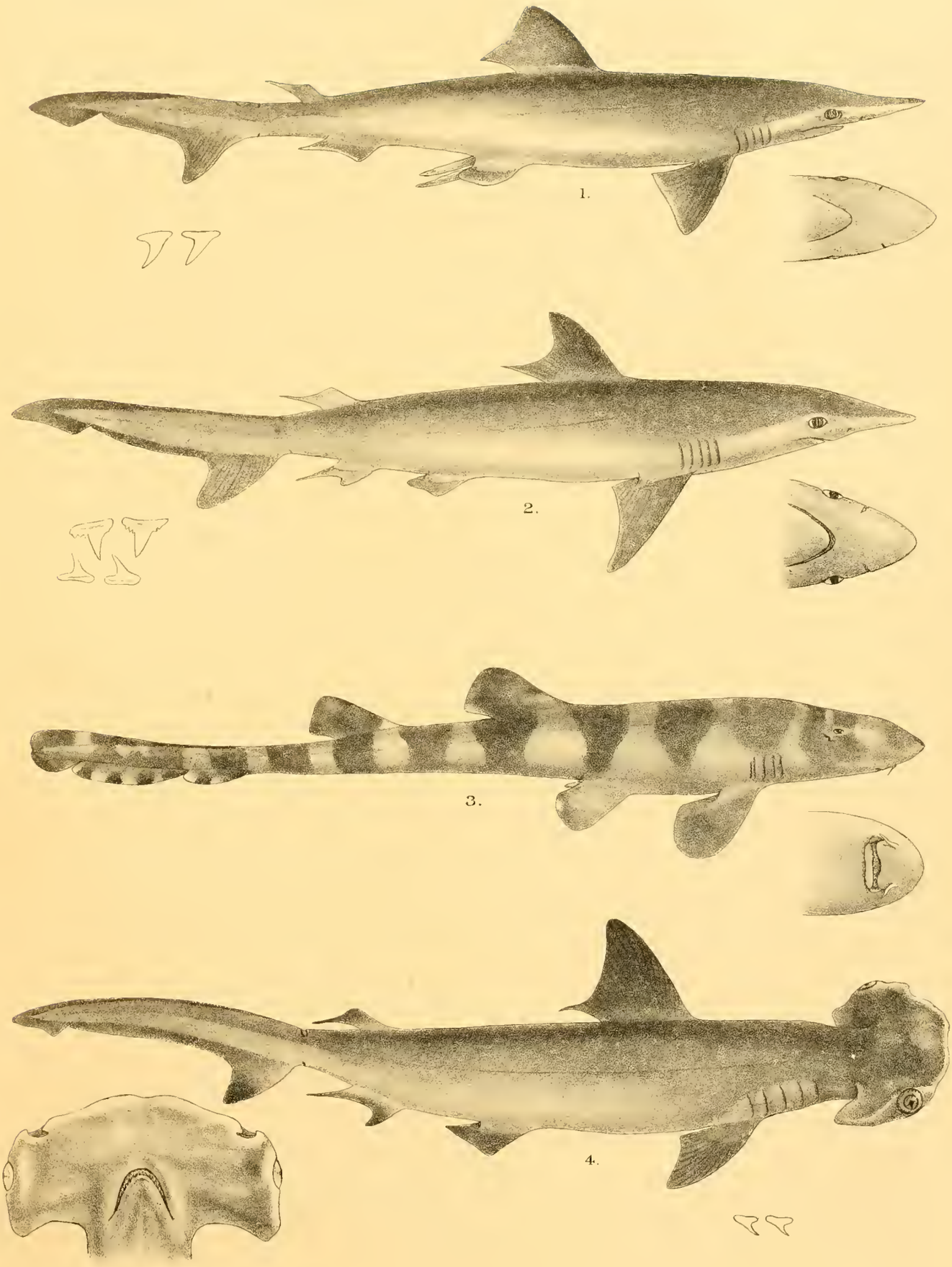


F Day del R Mintern lith

Mintern Bros imp

1. CARCHARIAS GANGETICUS. 2. C. DUSSUMIERI. 3. GALEOCERDO RAYNERI 4. STEGOSTOMA TIGRINUM

HA[illegible]ERSITY
CAMBRIDGE, MA USA

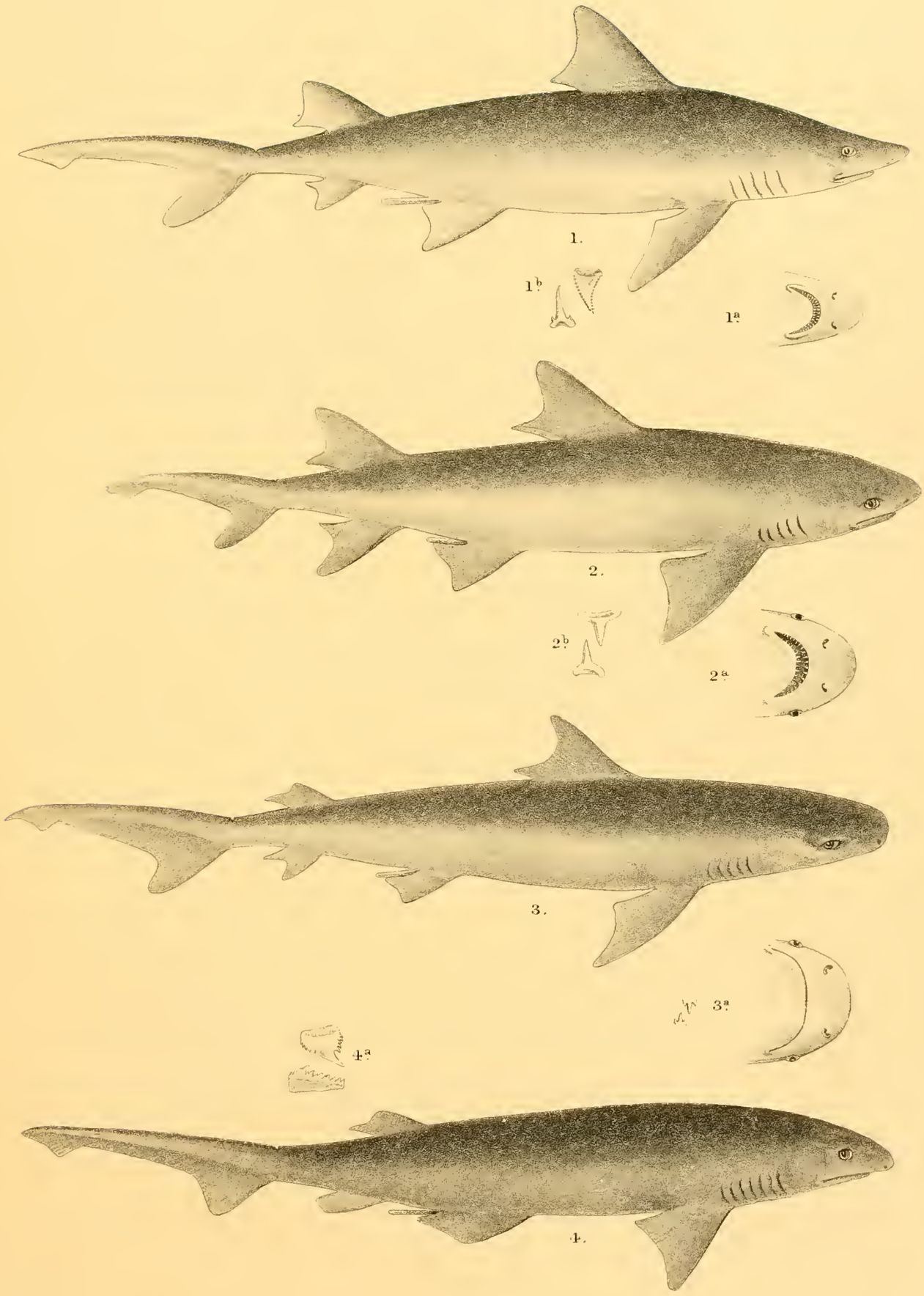


F. Day del. R. Mintern lith.

Mintern Bros. imp.

1. CARCHARIAS LATICAUDUS. 2. C. MACLOTI. 3. CHILOSCYLLIUM INDICUM. 4. ZYGÆNA TUDES.

SITY
USA



F Day del C Achilles lith

Mintern Bros imp

1 CARCHARIAS ACUTIDENS. 2 C ELLIOTI 3 TRIÆNODON OBTUSUS. 4 NOTIDANUS INDICUS.

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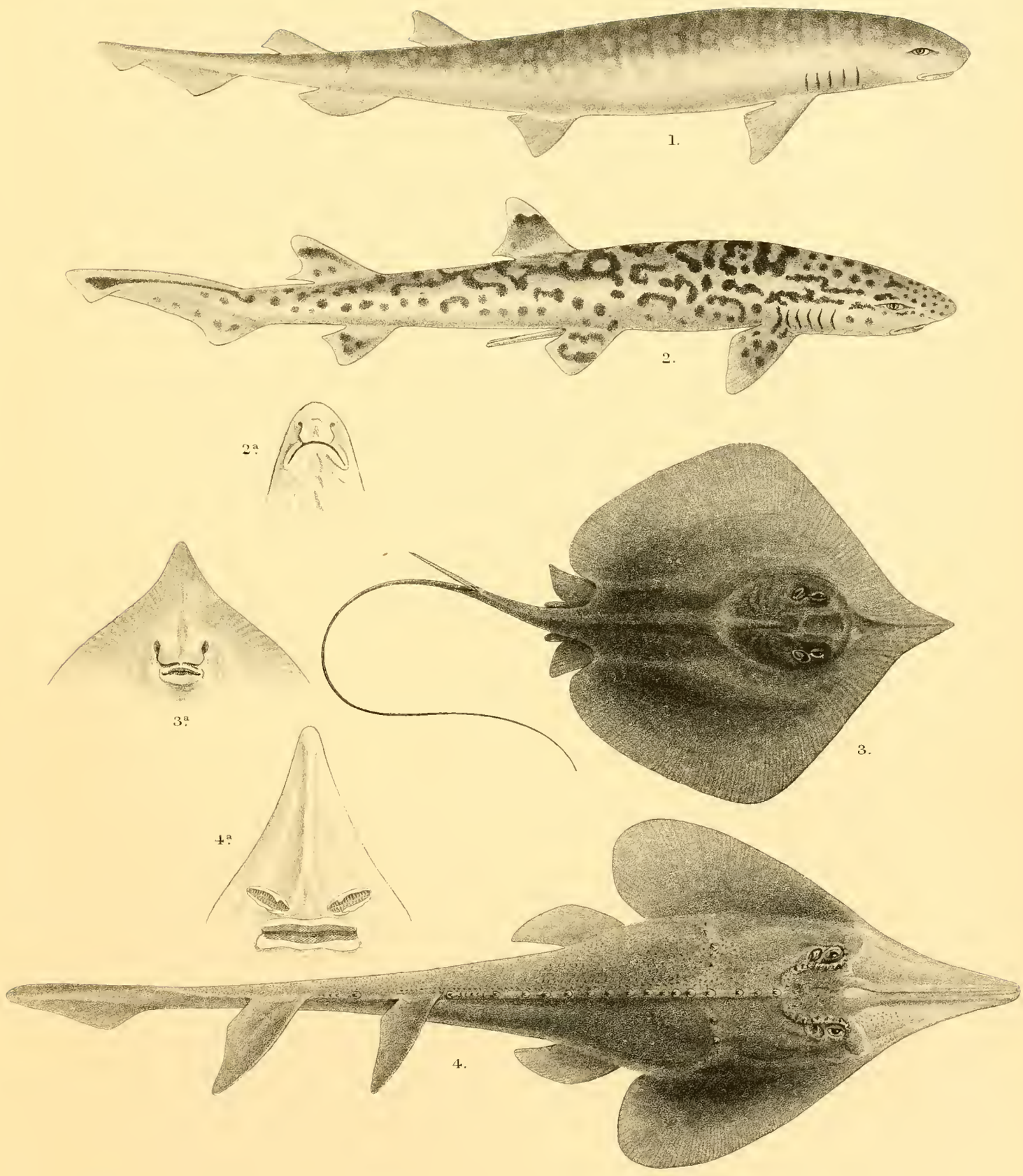
CAMBRIDGE, MA USA



F Day del C Achilles lith

Mintern Bros imp

1 SCYLLIUM CAPENSE. 2. S MARMORATUM. 3. TRYGON ZUGEI. 4. RHINOBATUS THOUINI.

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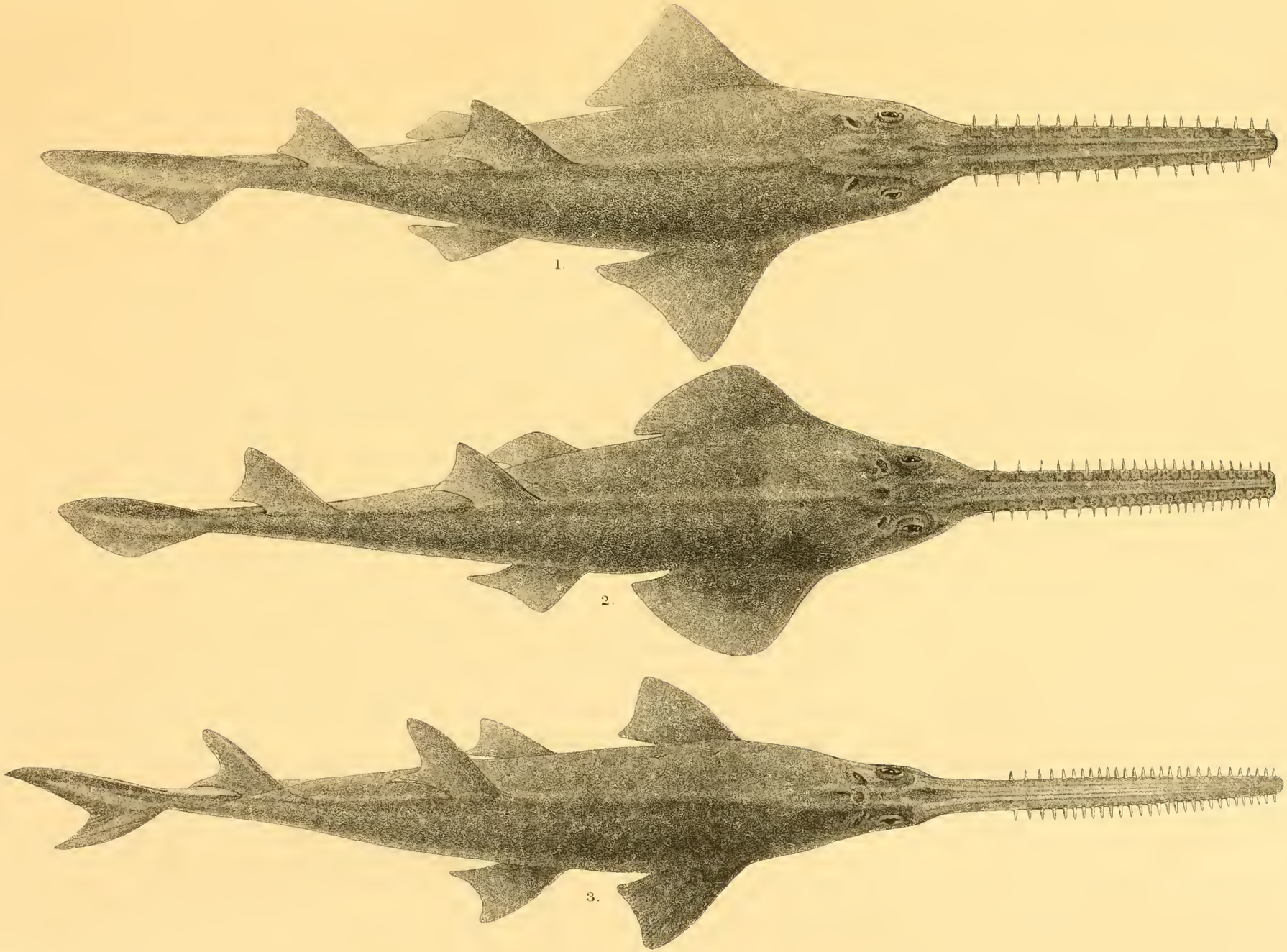

F. Day del. C. Achilles lith

Mintern Bros imp

1. PRISTIS PERROTTETI 2. P. ZYSRON 3. P CUSPIDATUS.

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F Day del. R.Mintern lith

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1 RHYNCHOBATUS DJEDDENSIS. 2 RHINOBATUS GRANULATUS. 3. NARCINE TIMLEI. 4. ASTRAPE DIPTERYGIA

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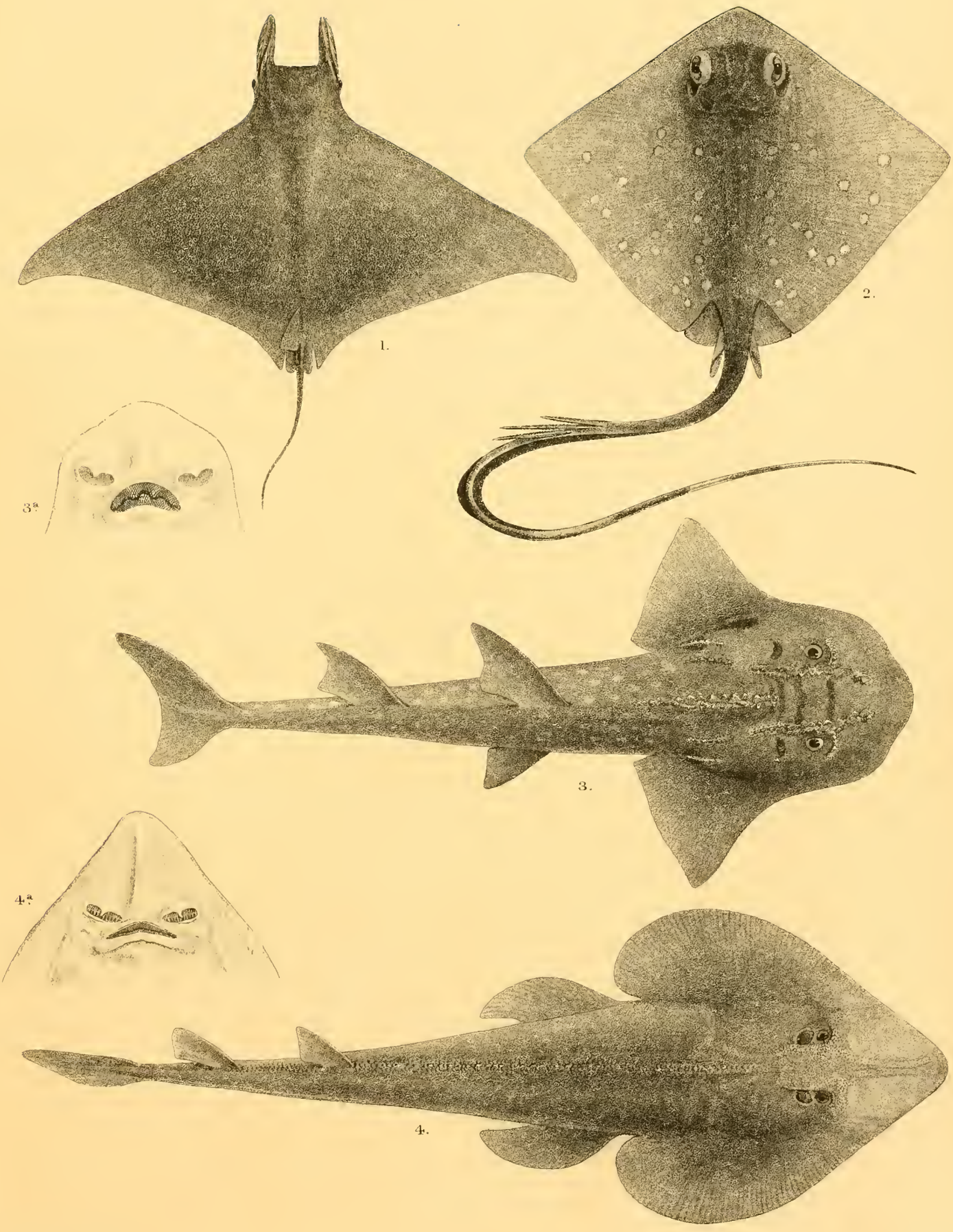

F.Day del. C.Achilles lith. Mintern Bros imp

1 DICEROBATIS EREGOODOO. 2. TRYGON KUHLII. 3 RHYNCHOBATUS ANCYLOSTOMUS.
4. RHINOBATUS HALAVI.

HA
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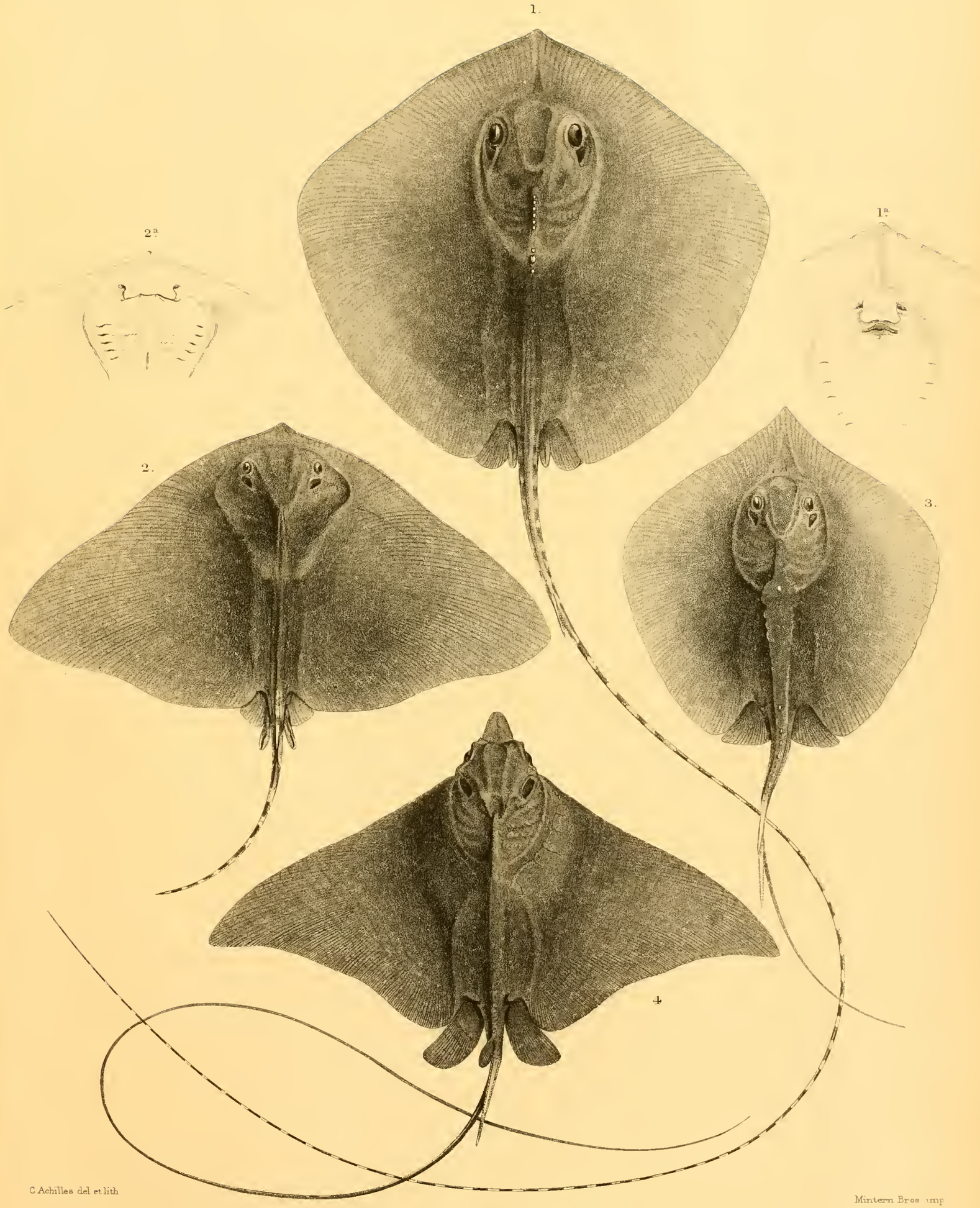

C.Achilles del et lith

Mintern Bros imp

1. TRYGON UARNAK 3. T. WALGA. 2 PTEROPLATEA MICRURA 4. ÆTOBATIS NARINARI.

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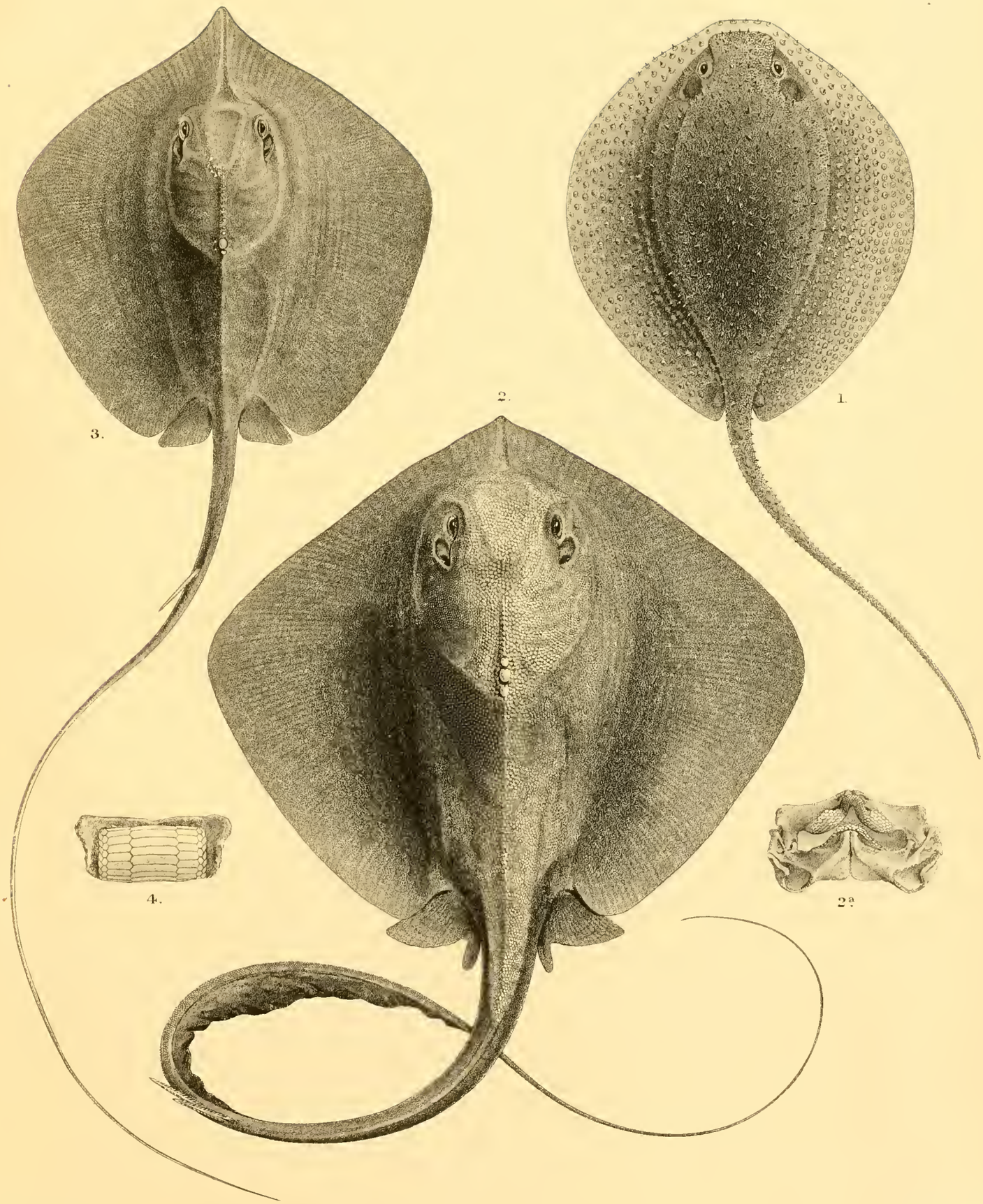

F Day del C Achilles lith

Mintern Bros imp

1 UROGYMNUS ASPERRIMUS. 2. TRYGON SEPHEN. 3 T BLEEKERI. 4. RHINOPTERA JAVANICA

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